

County of Mercer

McDade Administration Building, 640 South Broad Street, Trenton, NJ 08650-0068

SPECIFICATIONS FOR ONE (1) HOOK LIFT TRUCK WITH A ONE MAN SELF-CONTAINED DEBRIS COLLECTOR MOUNTED ON A 2018 INTERNATIONAL 7600 SFA 6X4 OR EQUIVALENT TWO MAN CAB

For The

**DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE
HIGHWAY DIVISION AND THE MERCER COUNTY COOPERATIVE
CONTRACT PURCHASING SYSTEM**



To Be Received On
March 28, 2017

Prepared By:
Division of Central Services
Department of Purchasing

CK09MERCER2017-06

COUNTY OF MERCER BIDDER'S CHECKLIST

Required by owner	Submission Requirements (If Checked)	Initial each required entry and if required submit the item
<input checked="" type="checkbox"/>	Cooperative Purchasing System Conditions Reviewed	
<input checked="" type="checkbox"/>	New Jersey Business Registration (prior to award of contract)	
<input checked="" type="checkbox"/>	Stockholder Disclosure Certification (MANDATORY)	
<input checked="" type="checkbox"/>	Affirmative Action Regulations Questionnaire (MANDATORY)	
<input checked="" type="checkbox"/>	Acknowledgement of Receipt of Addendum	
<input checked="" type="checkbox"/>	Required Evidence EEO/Affirmative Action (Employee Information Certificate) must be provided prior to Contract Award	
<input checked="" type="checkbox"/>	Iran Certification	
<input checked="" type="checkbox"/>	Complete and sign Executive Order 98-1	
<input checked="" type="checkbox"/>	Continuity of Operation Procedure	
<input checked="" type="checkbox"/>	Read: Americans with Disability Act of 1990 Language	
<input checked="" type="checkbox"/>	Certification to hold bid consideration beyond Sixty Days in the event that award is not made within sixty days	
<input checked="" type="checkbox"/>	Exceptions	
<input checked="" type="checkbox"/>	Completed and Signed Proposal Page(s)	
<input checked="" type="checkbox"/>	One Original Completed Bid and One Copy	

This form is provided for bidder's use in assuring compliance with all required documentation.

Name of Bidder: _____

By Authorized Representative:

Signature: _____

Print Name and Title: _____

Date: _____

NOTICE TO BIDDERS

Notice is hereby given that on March 28, 2017 at 11:00 AM (Prevailing time), sealed bids will be opened and read in public by the Purchasing Department in the Mercer County McDade Administration Building, 640 South Broad Street, Room #321 Third Floor, Trenton, New Jersey for:

ONE (1) HOOK LIFT TRUCK WITH A ONE MAN SELF-CONTAINED DEBRIS COLLECTOR MOUNTED ON A 2018 INTERNATIONAL 7600 SFA 6X4 OR EQUIVALENT TWO MAN CAB FOR THE DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE HIGHWAY DIVISION AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM CK09MERCER2017-06

Sealed bids will be received by the Mercer County Purchasing Department acting as Lead Agent on behalf of all contracting units located within the geographic boundaries of Mercer County for the Mercer County Cooperative Contract Purchasing System.

Specifications and instructions to bidders may be obtained at the Purchasing Office or online at <http://nj.gov/counties/mercer/procurement/bidsopp.html>

Bids shall be delivered in sealed envelopes and addressed to the Mercer County Purchasing Department, Room #321 Third Floor, 640 South Broad Street, P.O. Box 8068, Trenton, NJ 08650-0068.

Express and overnight mail shall be delivered to the Department of Purchasing, 640 S. Broad Street, Room 321, Trenton, New Jersey 08611.

NOTE:

The United States Postal Service does not deliver priority or overnight mail directly to the County of Mercer's physical address. If a bidder chooses to use the United States Postal Service, it is the bidder's responsibility to ensure that the bid package is delivered by the bid opening date and time. Any bid document received after the deadline established by the Department of Purchasing will not be accepted, regardless of the method of delivery.

Bid Addenda will be issued on the website if the request for bid is posted on the County website; therefore, all interested respondents shall check the website from the date issued through the date of the bid opening. Bidders are required to comply with the requirements of N.J.S.A.10:5-31 et seq. and N.J.A.C. 17:27.

COUNTY OF MERCER, NEW JERSEY
Purchasing Department
609 989 6710
CK09MERCER2017-06

COUNTY CONTRACT PURCHASING SYSTEM

County Cooperative Contract Purchasing is specifically provided for in *N.J.S.A. 40A:11-11(6)* and **(5:34-7.21)**.

County Cooperative Contract Purchasing is a Cooperative Purchasing System that may be created only by a county. Using only its own needs, the county advertises for the receipt of bids and awards a contract to the successful bidder. With the approval of both Mercer County and the vendor, contracting units located within the geographic boundary of Mercer County may purchase under the contract subject to its specifications, terms and conditions.

VENDOR WILL EXTEND CONTRACT PRICES TO THE "COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM" PARTICIPANTS

- ☐ Check here if willing to provide the goods and services herein bid upon to local governmental contracting units located within the County of Mercer without substitution or deviation from specifications, size, features, quality, price or availability as herein set forth. It is understood that orders will be placed directly by the contracting units, subject to the overall terms of the contract to be awarded by the County of Mercer, and that no additional service or delivery charges will be allowed except as permitted by these specifications.

- ☐ Check here if not willing to extend prices to contracting units located in the County of Mercer. It is understood that this will not adversely effect consideration of this bid with respect to the needs of the County of Mercer. The contract for the stated needs of the County will be awarded to the lowest responsible bidder, and specifically not made available to contracting units within the County of Mercer.

INSURANCE REQUIREMENTS

The vendor shall maintain sufficient insurance to protect against all claims under Workers Compensation as statutorily required, General Liability in the amount of \$1,000,000.00 single occurrence and \$2,000,000.00 general aggregate and Automobile Insurance in the amount of \$1,000,000.00 combined single limit. Vendors are responsible to provide updated certificates as policies renew. Depending upon the scope of work and goods or services provided, specific types of insurance may not be required. The Mercer County Division of Insurance and Property Management will make this determination.

In all cases where a Certificate of Insurance is required, the County of Mercer and Mercer County Park Commission (if applicable) is to be named as an additional insured and named as the certificate holder as follows: "County of Mercer, 640 South Broad Street, PO Box 8068, Trenton, NJ 08650-0068". The Certificate shall contain a 30-day notice of cancellation. The language shall state the following:

"The County of Mercer and Mercer County Park Commission (if awarded through the Park Commission) named as additional insured."

REGISTER TO DO BUSINESS WITH THE COUNTY OF MERCER

A weekly e-notification is sent to all vendors currently registered with the County of Mercer, directing them to bidding opportunities on the County Procurement website.

REGISTER AT:

<https://secure.jotform.com/form/2760607202>

INSTRUCTIONS TO BIDDERS

In the event that an EXCEL spreadsheet is posted on our website, please submit the EXCEL Spreadsheet on CD and include hard copy proposal with bid. The detailed form of proposal is found on the County of Mercer website, at: <http://nj.gov/counties/mercerc/business/purchasing/bidsopp.html> Bidders shall not modify the format of the spreadsheet. Do not convert the Spreadsheet to Portable Document Format (PDF) or change the format. Bidders shall also include with their bid response, a printed copy of the completed spreadsheet.

Bidders may submit a complete copy of their bid on CD.

BIDDERS MUST INCLUDE WITH THEIR BID RESPONSE, A PRINTED COPY OF THE COMPLETED BID AND SPREADSHEET. THE HARD COPY BID AND PROPOSAL IN THE BID DOCUMENT PREVAILS.

SPECIFICATIONS FOR ONE (1) HOOK LIFT TRUCK WITH A ONE MAN SELF-CONTAINED DEBRIS COLLECTOR AND ANTI-ICING SPRAY SYSTEM MOUNTED ON A 2018 INTERNATIONAL 7600 SFA 6X4 OR EQUIVALENT TWO MAN CAB FOR THE DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE HIGHWAY DIVISION AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM

DELIVER TO: MERCER COUNTY HIGHWAY DIVISION, 300 SCOTCH ROAD, WEST TRENTON, NJ 08628

INTENT

The County of Mercer requests bids for One (1) Hook Lift Truck with a One Man Self-Contained Debris Collector and Anti-Icing Spray System Mounted on a 2018 International 7600 SFA 6X4 or equivalent Two Man Cab. The County requests the bid price to be held for one year. Bids shall be for new, current year production equipment. Demonstrator, used or lessor model equipment will not be accepted. All references to brand name shall be interpreted as brand name or equivalent. All questions shall be directed to the Purchasing Department, 609 989 6710. A required pre-build meeting will occur after award of bid. The County will award the bid based upon the total cost.

EXCEPTIONS

If bidding an equivalent manufacturer, provide the manufacturer's published literature and list all exceptions with descriptions of each exception.

A certificate of origin will be provided with the equipment upon delivery. Any questions regarding the bid must be directed to purchasing.

Upon delivery, vendors must provide set-up, operating training by an authorized manufacturer's representative and two sets of training manuals. All equipment shall include standard safety features.

As this is a cooperative bid, the awarded vendor(s) may provide the equipment herein bid upon to local governmental contracting units located within the County of Mercer without substitution or deviation from specifications, size, features, quality, price or availability as herein set forth. It is understood that orders will be placed directly by the contracting units, subject to the terms of the contract to be awarded by the County of Mercer, and that no additional service or delivery charges will be allowed. References to brand names shall be interpreted as brand or equivalent.

All equipment shall be delivered F.O.B destination with delivery charge included, within 180 days from receipt of purchase order. All equipment shall be delivered as stated above with to the **Mercer County Highway Division at 300 Scotch Road, West Trenton, NJ 08628.**

WARRANTY

The awarded vendor shall provide the warranty as stated in the specifications.

AWARDED CONTRACTOR SHALL PROVIDE OPERATING TRAINING BY AN AUTHORIZED MANUFACTURER'S REPRESENTATIVE UPON DELIVERY OF EQUIPMENT. VENDORS MUST SPECIFY THE MANUFACTURER'S CUT-OFF DATE.

VENDOR WILL HOLD PRICING FIRM FOR ONE YEAR

YES ☐ NO ☐

SPECIFICATIONS FOR ONE (1) HOOK LIFT TRUCK WITH A ONE MAN SELF-CONTAINED DEBRIS COLLECTOR AND ANTI-ICING SPRAY SYSTEM MOUNTED ON A 2018 INTERNATIONAL 7600 SFA 6X4 OR EQUIVALENT TWO MAN CAB

The unit shall be new and of the latest design and be in current production at the time of the submission of the bid. The chassis manufacturer(s) whose equipment or products are bid, shall have a factory authorized service warranty and parts distribution facility located within approximately a 20 mile radius of the using agency. All chassis bids must be offered by an authorized truck dealer for the purposes for warranty, parts and service. All subcontractors installing equipment for components must also be an authorized stocking distributor of that equipment for the purposes of warranty, parts and service.

CHASSIS CAB SPECIFICATIONS: International Model #7600 SFA-6x4 (or an approved equivalent) 2-Man Cab.

All standard and optional equipment listed shall be Original Equipment Manufacturer's (OEM) items, when available.

DIMENSIONS:

Wheel Base	222"
Cab to Axle	138"
GVWR	56,000 lbs. (minimum)
Bumper to Back of Cab	107 Inches
Shoulder Room	71 Inches
Hip Room	70 Inches
Door Width	37 Inches
Cab Height, Interior	56 Inches (minimum)
Cab Width	82 Inches
Overall Width	80 Inches

Comply Exactly: Yes_____ No_____

Exceptions:_____

ENGINE AND RELATED EQUIPMENT:

- Diesel In-Line Six (6) Cylinder 475HP @ 1700 RPM, 1700lb.ft torque@ 1000 rpm fully electronic, in-line turbo-charged, air to air intercooler, wet sleeve, electronically controlled International N 13 or Equivalent

Note: The engine must meet all Federal 2010 emissions requirements. Engine is to be of the wet sleeve design only 758 Cu.In.

- 475Peak HP@ 1700 RPM (minimum), 1700 lb/ft torque @ 1000 RPM (minimum)
- Block heater, 1500 Watt (minimum), with socket receptacle located below driver's door
- Electronic road speed governor.
- Hand throttle-electronic. Electronic cruise control must have steering wheel mounted controls
- Heavy-Duty Cooling. 1593 square inch radiator and 1012 square inch charge air cooler, minimum. LTR 1593 sq. in.
- Automatic fan drive with nylon fan blades Horton Drive-Master "on/off type" direct drive. Must include dash mounted fan override switch (or approved equivalent).
- Air cleaner, single element with dash-mounted restriction indicator Donaldson and in cab

snow valve control (or approved equivalent).

- Filters-Primary, fuel, oil. Long life type
- Fuel/Water Separator to be provided, Racor 400 or Equivalent with thermostatic fuel temperature controlled electric heater and Emission Compliance ---lox Nox "clean air certified" sticker on door
- Fuel filter mounted at LH frame rail 41" boc (or approved equipment)
- Electronic engine speed control for PTO, remote mounted for body builder or future access
- Oil pan magnetic drain plug
- Antifreeze (**extended life type**), -40 degrees F protection, with "low coolant" level warning light and alarm

Comply Exactly: Yes_____ No_____

Exceptions:_____

ELECTRICAL SYSTEM:

- Computer controlled wiring system with self-diagnostics and data link connector in the cab for vehicle programming
- Starting Motor to be Delco Remy 39MT with thermal over crank protection or approved equal
- Wiring shall be color-coded and continuously numbered
- Jump Start Terminal-Remote mounted with clear access with positive and negative terminals
- Batteries-(4) 12-Volt, 3700CCA (minimum) International (or approved equivalent). NOTE: Battery mounting shall not interfere with the installation of hydraulic and body components
- The battery box shall have a plastic protective lid and shall be mounted behind the cab on the right chassis rail. In addition, the battery terminal shall be sealed.
- Back-up alarm electric, 102 dba
- Alternator-160 amp (minimum) Bosch pad mounted (or approved equal)
- Lights
 - Cab Marker (5) LED Type
 - Headlamp (2) halogen
 - Daytime running (2)
 - Directional marker (2) front corner of hood (2) top of fender (amber front/red rear)
- Tail light with integral stop, turn, backup and license plate. (1) overhead dome light and 2 under dash courtesy lights to be door activated.

NOTE: The vehicle's exterior lighting system is to be L.E.D type with exception of headlights it must including headlamp, tail marker lights must automatically activate whenever the wiper switch is engaged

- Auxilliary harness 3.0 ft. for headlights and turn signals for snow plow
- Flasher-40 amp, rated no load, solid state flasher with self protection and self-diagnostics
- Turn Signal Switch-electronic, with "flash-to-pass" feature
- Circuit Protectors-manual reset, SAE Type III, with trip indicators.
- Body Builder Electrical Connector-connection plug is to be located at the rear of frame for body builder connection to stop, tail, and marker light circuits, ignition controlled auxilliary feed and ground
- Starting Motor: Delco-Remy 38MT
- Headlight warning buzzer—sounds when headlights are off & ignition on
- Alarm parking brake—horn sounds when vehicle park brake is not set and any door open

NOTE: The body builder will not be permitted to splice into any chassis wiring harness.

Comply Exactly: Yes_____ No_____

Exceptions:_____

EXHAUST SYSTEM:

- **Switchback:** Horizontal after treatment device, frame mounted RH under Cab, short horizontal tailpipe
- Engine Compression Brake with on/off switch

Comply Exactly: Yes_____ No_____

Exceptions:_____

FRAME:

- Main Frame-10.125 inches x 3.580 inches x 0.312 inches, 120,000 PSI.
- Reinforcement-10.813 inches x 3.892 inches x 0.312, 120, 000 PSI full "C" channel reinforcement, on (1) piece, extending the entire length of the main frame. 31.72 section modulus (minimum) 3,806,400 RBM's (minimum).

NOTE: Both the main and reinforcement frames must be one piece bolt-on or welding of sections is not acceptable

- Front tow hooks – two (1)
- Front bumper-full width steel with swept-back ends
- License plate holder
- Front frame extension 20" integral with frame

NOTE: Chassis shall have clean frame rail (curbside) from back of cab to spring hanger

Comply Exactly: Yes_____ No_____

Exceptions:_____

FUEL TANK:

- 70 gallon capacity, aluminum mounted on the left side under the cab door

NOTE: A minimum of two (2) self-cleaning steps shall be provided on both sides of the cab, with the lower step not exceeding twenty (20) inches from the ground.

- DEF tank – 7 gallon mounted LH frame rail under cab

Comply Exactly: Yes_____ No_____

Exceptions:_____

TRANSMISSION:

- Automatic Allison 4000RDS. 6 speed w/overdrive: on/off highway Incl. oil sensor relay w/PTO provision, less retarder
- Oil cooler (Modine) water to oil
- Synthetic trans lube-Emgard 50W (or approved equal)
- Transmission shift control: push button type
- Automatic Neutral—transmission shifts to neutral when parking brake is engaged

Comply Exactly: Yes_____ No_____

Exceptions: _____

FRONT AXLE AND RELATED EQUIPMENT

- 16,000 lbs. capacity-Meritor MFS-16-143A (or approved equivalent).
- Front Axle shall be set back configuration, wide track
- Wheel Seals, oil lubricated-includes wheel bearings. (synthetic oil)
- Shock Absorbers.
- Spring Pins, rubber bushed, maintenance free
- Drag Link and Tie Rods, greaseable
- Dual Power Steering-Gears to be provided must be gear driven. Sheppard M-100/M-80

Note: CONVERT CHASSIS TO DUAL RH & LH STEER equipment manufacturer KAFFENBARGER or equal

Comply Exactly: Yes _____ No _____

Exceptions: _____

REAR AXLE AND RELATED EQUIPMENT

- 40,000 lbs. capacity-Meritor RT-40-14X. Must contain driver controlled locking differential in both axles (or approved equal)
- Ratio to be 5:329 or a ratio that provides 70MPH. vehicle shall be programmed not to exceed 70 MPH.
- Magnetic oil drain plug
- Wheel seals – synthetic oil
- Synthetic lubrication-factory installed

Comply Exactly: Yes _____ No _____

Exceptions: _____

SUSPENSION-FRONT:

- 16,000 # Parabolic spring, taper-leaf, with shock absorbers
- Front spring auxiliary---rubber

Comply Exactly: Yes _____ No _____

Exceptions: _____

SUSPENSION-REAR:

- 46,000 lbs Hendrickson HMX-400-54" AXLE SPACING
- Bushings equalizer beam---bronze center bushings

Comply Exactly: Yes _____ No _____

Exceptions: _____

DRIVE SHAFT:

- Heavy-Duty. SPL170XL main with SPL170XL interaxle shaft

Comply Exactly: Yes_____ No_____

Exceptions:_____

BRAKE SYSTEM AND RELATED EQUIPMENT:

- Anti-Lock Brake System-Four channel abs control w/ Full Vehicle Wheel Control System
- Air Brakes-
 - Front, Cam Type 16.5 Inches x 6 Inches.
 - Rear, Cam Type 16.5 Inches x 7 inches
- Compressor-18.7 CFM, Gear Driven, with air supply piped from air cleaner
- Automatic Slack Adjusters-Front & Rear
- Brake Lines-All Colored Coded Nylon.
- Manual Drain Cocks with pull chain
- Long Stroke Brake Chambers to be included.
- Dual Air Pressure Gauges.
- Dust shields – front & rear
- Low Air Pressure Warning Light and Alarm.
- Air Activated, Spring-Loaded Parking Brake w/Dash-Mounted Control.
- Air Dryer, Heated –Bendix AD-IP (or approved equivalent).
- Dual Air Reservoirs.

NOTE: All brake lining material shall be non-asbestos. The successful vendor shall be required to furnish certification from the manufacturer stating that all brake linings are non-asbestos

Comply Exactly: Yes_____ No_____

Exceptions:_____

CAB AND RELATED EQUIPMENT:

- Conventional Style Cab. Cab to be galvanized steel, with tilting three (3) piece construction hood and stationary grille. Fenders are to be replaceable, independently of hood. Must include internal sun-visor to be painted cab color and include integral L.E.D. marker lights.
- Cab air suspension with shock absorber
- Injection Molded TPO (or approved equal)
- Fender Extensions-extensions are to be glued to hood assembly, but shall be attached with removable screws or other hardware
- Grille Assembly-Bright finished – stationary
- Horn-Both dual electric and air horns shall be provided. Horn activation shall be located on the steering wheel for both.

NOTE: The air horn shall be mounted under the hood.

- Glass-All cab glass shall be tinted. Vent window shall be provided and must pivot open. Windows and door locks to be power operated
- Body Builder Pass Through-A knockout opening shall be provided in the cab floor for the body builder. From chassis factory
- Mirrors-Two (2) Rectangular Heads, approximately 15.75 Inches x 7.09 Inches with additional integral convex mirrors mounted on a "break-away" type "C" bracket. Both the main and convex mirrors are to be heated and thermostatically controlled. 102" spacing. Must

include convex lookdown mirror mounted right side above passenger door. Bright finish powered both sides

- Mirrors must be break-away type mirrors
- Mirror Convex-look down –mtd above RH door
- Radio-AM/FM premium stereo w/CDWith Weather Band
- Windshield Wipers-2 Speed electric, single motor with intermittent switch (or approved equivalent).

Note: Headlights must automatically activate with wiper activation

- Gauge air cleaner restriction, air cleaner mounted
- Gauges-Air pressure (2), oil pressure, voltmeter, engine coolant temperature, fuel, hour meter, tachometer, transmission oil temperature, odometer, trip hours, trip miles, ammeter. DEF gage dash mtd
- Warning Lights and Alarms-Low Pressure, low fuel, low oil pressure, low coolant level, high coolant temperature(with audible alarm), low battery voltage, low windshield wiper fluid, restriction gage dash mtd
- Grab Handles-Entry assist, located inside the cab, left and right. Two additional chrome plated grab handles are to be mounted on the exterior to aid in operator and passenger entry. Chrome towel bar type
- Seating
 - National Air Suspension (or approved equivalent), vinyl high back with integral headrest, fully adjustable with air-operated lumbar support arm rest
 - Passenger-Single, vinyl high-back w/integral headrest stationary base
- Heater/Defroster/Air Conditioner chassis manufacturer installed. Must include fresh air filter
- Overhead Console-With dual storage pockets
- Full Headliner and Padded Door Panels
- Cigar lighter and power source to be provided and dash mounted
- Storage pocket located in the passenger door
- Dual electric horns and air horn to be provided
- Adjustable Steering Column-Infinite position type
- Cab Interior-Manufacturer's standard, color preference is gray
- **Grab Handle Interior (2) safety yellow**
- **Heater Shut-off valve (1)**
- Gauges: Oil Temp Engine, Oil Temp Rear Axle, Air Restriction
- Windows Powered both sides. Includes power door locks
- Cab Insulation: dash insulator and engine cover insulator
- Insulation Under Hood
- Cab exterior sunshade: painted cab color
- Test exterior lights: pre-trip inspection
- Clearance/Marker lights (5) LED

NOTE: Cab shall also include all manufacturer's standard equipment

Comply Exactly: Yes_____ No_____

Exceptions:_____

TIRES AND WHEELS:

- Front-315/80R22.5 Tubeless Type, Radical Load, Range H (20 Ply), highway tread Goodyear G289 WHA (or approved equivalent). Disc, 9.00 inches x 22.5 Inches powder coated steel gray, 10 stud hub piloted, flanged nut wheels with steel hubs

- Rear-11R22.5 Tubeless Type, Radical Load, Range H (16 Ply), Mud & Snow Goodyear G622 RSD (or approved equivalent), Disc, 8.25 Inches x 22.5 Inches powder coated steel gray, 10 stud hub piloted, flanged nut wheels with steel hubs.
- Successful bidder must provide one (1) spare mounted tire at time of delivery. Wheel to be powder coat steel

Comply Exactly: Yes____ No____

Exceptions:_____

PAINT:

- All painting shall be done in conjunction with manufacturer's specifications. Cab shall be painted with a high quality, high solid, Omaha Orange base coat and clear polyurethane overcoat. The wheels shall be powder coat painted.

NO EXCEPTIONS: Paint shall be applied at the factory. After market refinishing will not be accepted.

Comply Exactly: Yes____ No____

Exceptions:_____

MISCELLANEOUS:

- A complete set of service, parts and wiring diagrams shall be supplied with total order in paper form. One (1) owner's manual shall be included. CD Rom format only
- One (1) 55 gallon drum of DEF fluid (per truck)
- Delivery with 180 days of receipt of purchase order to: County of Mercer, 300 Scotch Road, West Trenton, NJ 08628
- Truck to be titled to the County of Mercer with registration and CG tags included. The title shall state "County of Mercer"

Comply Exactly: Yes____ No____

Exceptions:_____

WARRANTIES:

- All units delivered must be guaranteed to be free from defects in materials, design and workmanship for chassis: 2 years unlimited miles
- Towing Services: 60 month unlimited miles \$550.00 per warranty incident
- Extended Engine Contract: 72 months/150,000 miles, 5400 hrs. includes engine electronics, turbo & injectors
- Extended After treatment Contract: 72 months/150,000 miles, 3600 hrs.
- Extended Vehicle Coverage: 48 months/100,000 miles
- Allison Transmission Extended Warranty: 5 year unlimited miles

Comply Exactly: Yes____ No____

Exceptions:_____

ADDITIONAL ITEMS TO BE INCLUDED

- 2 Way Radio: accommodation package to be provided to is to include all interior wiring,

power feed from ignition switch mounted in overhead console and (2) two antennas cab mounted. No radio. Must be factory installed

- Two Way Radio: A two (2) radio system is to be fully installed in the vehicle. Kenwood model TK762GK or approved equal. VHF-25-watt. Radio must include an antenna and be fully compatible with current fleet radios. Radio installer must utilize the chassis factory power wire provided in the overhead console.
- Parking brake alarm factory installed. Horn must sound in a repetitive manner if the parking brake is not set and the ignition is turned off while the door is open
- Battery disconnect switch: locking key type mounted on cab floor by drivers door
- Trailer Air Brake Connections---Hook-up required for air brake trailer, must include hand brake control
- Switch Pack: (6) Six factory installed switches must be installed in the dash. One power module with 6 channels 20 amp max per channel, 80 amp max output. The switches must control the power module through multiplex wiring. Power module to be mounted at the battery box. Must be circuit protected.

The above specifications are to be considered the minimum that will be accepted. All exceptions must be listed on a separate sheet

Comply Exactly: Yes____ No____

Exceptions:_____

HOOK LIFT

HOOK LIFT TYPE:

- Hook lift to be designed and manufactured in the U.S.A.
- Minimum of 40,000 pounds lifting and dumping capacity with gross weight evenly distributed in and/or on container/body.
- The complete mechanism, including hydraulics, will be factory warranted free of defects in material and workmanship for a period of forty-eight (48) months on Parts, and twelve (12) months on Labor from the date of installation.
- Hook lift shall be able to handle skid-mounted containers/bodies with lengths of 12 through 18 feet
- Minimum lifting and dumping capacity must be achieved for all stated container/body lengths.
- Hook lift shall have a minimum of 58 degree dump angle, on a 41" truck frame height chassis.
- Hook lift to be 5,290 pounds in shipping weight.
- Skid-mounted containers/bodies shall be supported with a pair of 6-1/4" minimum diameter outside flanged rollers at the rear of the hoist, and be adjustable to accommodate bodies/containers with outside subframe rail widths of 40-1/2" or 41-5/8".
- The hook to rear roller dimension to be 167.5" in length.
- Hook lift shall be capable of being mounted to a truck chassis with a 138" cab-to-trunnion dimension for optimum weight distribution and stability.

Comply Exactly: Yes____ No____

Exceptions:_____

HOOK LIFT OPERATION:

- The Hook lift telescopic jib shall be capable of hydraulically sliding the container/body horizontally on the chassis to adjust weight distribution while remaining in the body locks and without lifting the container/body rails off the hoist frame.
- Tilting or articulating jib designs are not acceptable.
- Hook lift shall have a dual rear pivot section incorporated into the hoist design to allow for both a true dump truck operation, with the container/body secured to the Hook lift via body locks during the entire dump cycle, and increased mounting leverage at the beginning of the container lift cycle.
- Hook lift jib to reach rearward to the A-frame lifting bar by means of double articulating hinge points (dual rear pivot) incorporated into the hoist mechanism.
- All lift sections shall lock into a common rigid full-length frame to support the body/container when in a dump mode. This must be accomplished by mechanical operated latches, which lock the mast without relying on gravity or hydraulic operated locks to accomplish.
- Must have a jib lockout valve to prevent jib operation while in a dump mode.
- Hook lift shall be designed to function through all modes, load/unload and dump, without the use of breakaway tabs and/or proximity switches.

Comply Exactly: Yes____ No____

Exceptions:_____

HYDRAULIC CYLINDERS:

- Dump/lift cylinders are double acting, twin cylinders, sized for the unit capacity with dual integral counterbalance valves. Dump/lift cylinders to be a minimum 6" bore, 3" rod diameter and 60" stroke. No external or remote mount (connected by steel lines) counterbalance valve configurations to be accepted.
- Cylinders must be manufactured in the U.S.A.
- Telescopic jib cylinder shall be double acting, single cylinder, sized to unit capacity with a single counterbalance valve.
- Jib cylinder to be a minimum 4" bore, 2-1/2" rod diameter and 38" stroke. No external or remote mount (connected by steel lines) counterbalance valve configurations to be accepted.
- Cylinder must be manufactured in the U.S.A.

Comply Exactly: Yes____ No____

Exceptions:_____

HYDRAULIC SYSTEM:

- Hook lift hydraulic system shall be designed to allow for ease of integration into the Central Hydraulic package (mentioned in separate section of bid specifications) through maximum system operating pressures not exceeding 3,500 PSI.

Comply Exactly: Yes____ No____

Exceptions:_____

MAIN FRAME DESIGN:

- The mainframe of the hoist is to be constructed of a "Z" rail configuration. The "Z" rail mainframe is to be a maximum of 10.5" in height and constructed of 1/4" thick A572 50 KSI steel.
- Hoist "Z" frame rails to include a minimum of 8 (or 4 per side) 11-3/4" x 2-3/4" x 1/2" Nylatron wear pads for container/body support. The Nylatron pad will allow the containers/bodies to slide back and forth horizontally on the "Z" rail of the hoist with ease. Metal to metal contact (direct contact of the container/body sub-frame rail on the hoist mainframe rail) will not be allowed.

Comply Exactly: Yes_____ No_____

Exceptions:_____

JIB HOOK DESIGN:

- Vertical Jib to be constructed of a 9" x 9" x 1/2" wall square tube of A500 50 KSI steel.
- Jib hook height shall be adjustable for both 53.88" and 61-3/4" from the bottom of the container/body subframe rails to the bottom of the A-frame lift bar.
- With the jib hook height set at the 61 3/4" position, the hook lift shall be able to pick up a body 18" below the grade of the A-frame lift bar.
- With the jib hook height set at the 53 7/8" position, the hook lift shall be able to pick up a body 3" below the grade of the A-frame lift bar. Both positions presume a 41" truck frame height as loaded / unloaded on a level surface
- Hook lift shall be able to pick up a container/body that rests 21" below the grade that the truck chassis is on (assumes a 41" truck frame height).
- Jib hook to be designed to secure container/body to hoist without the need for a hook latch mechanism to cover the hook opening.
- Jib hook to be permanently welded to jib. No bolt on jib hook will be allowed.

Comply Exactly: Yes_____ No_____

Exceptions:_____

PINS:

- All Hook lift pins to be constructed of high-strength CFR steel bar; stainless steel pins are not acceptable. All pinned connections to be greasable to both lubricate the joint and flush out all contaminants.

Comply Exactly: Yes_____ No_____

Exceptions:_____

BODY LOCKS:

- Hook lift shall have passive integral slide through body locks to secure the container/body latch plates to the Hook lift in dump and transport positions; to accommodate different length bodies and to allow for weight distribution changes while remaining in the body locks when in the transport or in dump cycle.
- Prong style body locks are not acceptable.
- Hook lift body locks shall be designed to secure the container/body to the hoist during an overturn situation of the truck chassis.

Comply Exactly: Yes_____ No_____

Exceptions:_____

SNOW PLOW HITCH

Heavy front frame side plate low profile snow plow hitch.

- To be engineered, designed and built by a recognized snowplow manufacturer. Hitch to be a low profile configuration. The design will limit the amount of front overhang to a minimum
- A truck frame extension is not required for the mounting of hitch but recommended.
- Heavy front frame hitch of modular design shall allow the cab hood to tilt completely forward for engine access.
- Side plates will transmit plowing forces directly to the truck frame side rails and will custom fit the specified year, make and model of the truck
- The side plates are custom fitted 5/8" steel plate of proper length and construction for heavy duty service and shall provide adequate clearance for steering mechanisms and spring suspensions.
- Side plate mounting angles or plates shall mount flush to the truck frame for maximum strength. Pipe spacers are not acceptable.
- The front section of the hitch assembly: lift frame, center section and the lower push plate shall all be welded to the two (2) vertical tubular supports. The two (2) vertical supports are to be constructed of 6" x 3" x 1/4" thick wall. The length of each support shall be 38-1/4". No exceptions.
- The front two (2) vertical supports are to be spaced evenly 26-3/4" apart. No exceptions. Overall mounting width is 32-3/4".
- The front two (2) vertical supports are to be mounted to vertical structural angles of 5" x 4" x 1/2", full height of tubes.
- Each vertical tube must have three (3) 3" wide gussets tying in the vertical tube to the structural angle. Each gusset is 3" x 4" x 5" x 7ga.
- The vertical tubes and structural angles are mounted to a horizontal 6" x 4" x 1/2" x 39" wide structural angle mounted at the top of the two (2) vertical structural angles.
- The center cylinder tube to be built with a 6" x 3" x 1/4" tubes x 26-5/8" long and mounted centered to the vertical tubes. Two (2) 1/2" x 3" x 4" lift cylinder ears to be welded to this tube along with a 1/2" x 3" flat reinforcement bar.
- The telescopic lift arm shall be manufactured of 4" x 4" x 3/8" square outer tubing and 3" x 3" x 3/8" square inner tubing.
- The lift arm and lift frame shall be designed to accept 2.5", 3" or 4"x10" lift cylinder . Cylinder pins are to be 1" cold rolled steel. Inner lift arm must accept clevis and pin.
- Truck and plow portion hitch must be Torloc/Arrowhead style and work interchangeably with The County of Mercer's fleet.
- Mounted under the telescopic outer tubing is to be a white poly block 1-1/2" x 3" and arced to hold a 4" x 10" lift cylinder.
- The pin hitch shall provide pin alignment on 30.5".
- Re-mount OEM bumper. Bumper shall be split to accommodate plow hitch and must be bolted on and utilize stabilizer arm per section.
- The plow hoist cylinder shall be of premium grade and shall be a double acting 4" bore x 10"

stroke.

- The piston rod is to be of steel construction treated with a nitro steel process.
- The ram sleeve or outer barrel will be such that the rod packing may be maintained or replaced as required. A positive stop must be incorporated that will help prevent mechanical pressure being applied to the packing when the rod is fully extended.
- The cylinder shall be capable of 14,137 pounds of thrust @ 2,000 PSI and 16,000 pounds of bursting pressure @ 2,000 PSI. Minimum weight of the cylinder shall be 28 pounds. Ports to be 3/8"

Comply Exactly: Yes_____ No_____

Exceptions:_____

CENTRAL HYDRAULIC SYSTEM

TYPE:

- System to be of load sensing pressure-compensated type, pumping oil only when needed and in exact volume and pressure required --- no more, no less
- Pump to automatically revert to standby mode when no oil low is required (No on/off switch).
- Must be able to operate all equipment on truck simultaneously if necessary. No one function to interfere with any other
 - System controls are to be electronic over hydraulic hydraulic for spreader controller and air over hydraulic for all plow, body, and wing functions, if applicable.
- Operating speed of all functions must-be variable and adjustable
- One complete system to operate all functions

Comply Exactly: Yes_____ No_____

Exceptions:_____

HYDRAULIC PUMP AND POWER TAKE-OFF:

- The hydraulic pump shall be an axial piston pressure and flow compensated load-sensing type. The pump shall have a displacement of 5.61 cubic inches per revolution at maximums stroke which with deliver 23.7 GPM @1000 engine RPM. The pump shall have a minimum 2" inch suction line and ½" control drain line plumbed directly back to the reservoir. The pumps compensator shall have rear facing adjustments. The pump shall be rated for 5800 PSI maximum and 4800 PSI continuous. The pump shall have a Din type-mounting flange and a Din 5462 8-tooth shaft. Shall be a TXV pump or approved equal. A Chelsea 277 series hot shift PTO or approved equal that is mounted to the transmission shall drive the pump to operate whole system.
- The PTO will feature a wet-spline mounting flange to eliminate output shaft maintenance
- The system shall be designed so that when the float contracts close, the PTO will disengage and stop pump flow. An enunciator in the cab that is on a control panel will alert the driver that the PTO has been disengaged. The control panel will also incorporate an override switch wired to de-energize the shut down system to facilitate diagnostics and equipment storage.

Comply Exactly: Yes_____ No_____

Exceptions:_____

HYDRAULIC VALVE:

- Control valve shall be U.S. manufactured. Valve shall be a load sensing type with o-ring ports. Mid-inlet section porting will be #16 inlet, #20 outlet, #16 hoist section, #4 load sense port, and #10 or #12 for all other sections. The hoist section shall be stacked to one side of the mid-inlet and all other sections will be stacked on the other side. All ports shall be level with each other so as to lay flat on its base. There will be a main relief in the mid-inlet section that will be set at 3500 PSI to protect the system from being over pressurized
- Valve section to be arranged as follows:
- Hoist, 4-way for a double acting cylinder with mid-inlet transition section
- Jib, 4-way for a double acting cylinder with mid-inlet transition section
- Pressure reducing section.
- Plow Lift, 4-way for a double acting cylinder with flow control
- Spinner and auger section, consisting of two pressure compensated cartridges that are a single piece design with hardened cartridge bores and spools. These shall be operated independently via a 12 VDC pulse width modulated signal. Each valve shall have heavy duty 7/16-20 UNF screw style manual overrides that are adjustable from no flow to full flow. These valves shall be mounted in a housing that is made of aluminum with gray anodizing for corrosion resistance and durability. The auger/conveyor shall be a 15 GPM spool and the spinner shall be a 7 GPM spool. No exceptions
- Valve shall be prior approved equal
- A plow float/balance valve must be provided and controlled with a dash mounted rocker switch for on/off. The plow float/balance can be turned off as needed. When in use, the valve will allow the valve to use a pressure reducing/relieving system to control the float/balance lifting pressure on the plow's lift arm assembly. Two solenoid valves wired together turn the valve off and on. One solenoid valve opens the inlet of the pressure reducing valve to the pump. The other solenoid valve opens the outlet of the pressure reducing/relieving valve to the lift port. Oil flowing in and out of the lift port is restricted with an orifice. Valve must be mounted on top of plow lift valve.

Comply Exactly: Yes_____ No_____

Exceptions:_____

OPERATOR CONTROLS FOR HOOK LIFT HOIST and SNOW PLOW:

- The valve controls shall be a feathering remote air control with each joystick having an illuminated knob top using air shift actuators for valve. The dump lift and plow lift controls shall be single axis controls with lock in the center position to prevent accidental actuation. It shall be mounted in an adjustable tower next to the driver. There shall be a pressure protection valve to protect against loss of pressure in the primary system caused by a broken line or an air leak somewhere in the auxiliary system. There shall also be a FLT (filter, lubricator, and regulator) plumbed into the auxiliary air system to protect the air controls from contamination and being over pressurized. All the air tubing will be color coded to identify each individual hydraulic function from control to valve section. Each control handle must have a lit knob to illuminate the description for ease of use.

Comply Exactly: Yes_____ No_____

Exceptions:_____

RESERVOIR/VALVE COMPARTMENT:

- One (1) 35 gallon all-welded 304 stainless steel combination hydraulic oil reservoir and tank built into one mounted on the driver's side chassis frame rail below dump body. Must have site gauge with rubber gasket seal. No exceptions.
- The hydraulic reservoir will be constructed of 10-gauge stainless steel and be internally baffled
- Mounting system should allow for a 1" frame clearance for frame obstructions and shall be mounted in a manner as to not transmit any truck torsional loads thru the tank
- One (1) 304 stainless steel cover with enclosure lid will be removable within seconds by one person without the use of tools but utilizing four (4) rubber handles, two (2) per side. No exceptions
- The enclosure will use a gasket-less passive technology cover on enclosure. (No rubber seals, gaskets, or weather stripping.)
- The reservoir supplier will provide all valve fittings (JIC connections) and plumb the return line from the valve to the filter
- The cover will protect from both road and pressure washer spray.
- The directional control valve must be easily accessible from all (6) sides without the use of tools.
- Hose exit and entrance must allow for components to be mounted adjacent to the enclosure
- A 2" full flow brass ball valve shall be plumbed at the suction port of the tank
- A low oil/high temp sending unit shall be mounted in the reservoir and wired into cab of truck.
- Hydraulic oil filter shall be mounted in the reservoir. Hydraulic filter shall be a 10-micron absolute and rated for no less than 60 GPM

Comply Exactly: Yes_____ No_____

Exceptions:_____

Hydraulic Lines and Fittings:

- Stainless steel tubing to be used under body and cab in lieu of hosing. Hosing to be used at the ends of stainless steel tubing to reach each function's quick couplers or connection. Tubing shall be seamless #201 stainless steel construction with a minimum wall thickness of 0.065". The ends must be flared to accommodate a 37 degree JIC fitting. The use of compression fittings is not acceptable. Spacing of each tube to allow for material to fall between each tube.
- All stainless tubing must be mounted in polyurethane poly green tube clamps
- All hoses to be wire braid reinforced with swaged on high pressure JIC 37 degree tapered seat end fittings
- All fittings & adapters to be forged steel (No tapered pipe fittings except on suction hose).
- Hoses to front with 1/2" 100% stainless steel (no exceptions) quick couplers for power reversing plow
- Hoses to rear with 1/2" 100% stainless steel quick couplers for spreader (no exceptions).
- Polymer dust plugs or caps on all couplers with retainer straps.
- All pressure hoses except for plow & spinner to be 3/4" I.D. SAE 100R2
- Plow, spreader spinner, and prewet system pressure hoses to be 1/2" I.D. SAE 100R2
- Main pressure hose from pump to control valve shall be 1" Diameter, 4-wire braid. No exception
- All return hoses to be SAE 100R2.

- Suction hose to be minimum 2" I.D. SAE 100R4 spiral wire reinforced with long radius ell. This line to be 2" stainless steel unless chassis obstructions restrict under front axle and or engine compartment.
- All hoses to be routed away from chassis exhaust whenever possible to protect against heat deterioration
- All hydraulic quick disconnect couplings must be stainless steel Aero-Quip FD45 series or prior approval; bulkhead mounted, and include attached male and female dust covers.
Couplings to be configured so as to eliminate confusion when coupling. No exceptions.
- All stainless steel quick disconnects for spreaders must be mounted under body at rear. Two (2) passenger rear for direct drive motor and two (2) driver's side for spinner. All mounted to stainless steel flat stock welded to underside of bottom rub rail as described above in a three sided design. No exceptions.

Comply Exactly: Yes_____ No_____

Exceptions:_____

Spreader Controller:

- The electronic spreader control shall be designed for precise, closed-loop control of granular and prewet liquid applications and operate on a CAN Bus platform. The Central Processing Unit shall have keyed and color coded connections to prevent incorrect installation. The CPU shall be mounted in the cab with visual access to diagnostic LED's. Mounting of the CPU unit outside of the cab is unacceptable. The unit shall have USB connectivity for file and data transfer, a J1939 for connection to the vehicle bus, a J1708 connection for a road and air temperature sensor, and a RS-232 connection for AVL communication. The CPU shall have on-board diagnostics, which provide real-time status of feedback sensors, outputs, and system communications.
- The spreader control interface shall have two, color-coded, continuous rotation encoders for granular and spinner control. These encoders shall have integrated push buttons for blast mode and stand-by. The controller shall have a third multifunction 4-way joystick that has an integrated rotary encoder and push button, that can be used for menu navigation, prewet liquid control, or an additional conveyor function. There shall be four, two-way soft keys that are user configurable for different functions depending on the equipment needs. The controller shall also utilize iButton technology that is capable of using a Supervisor key to provide access to the calibration parameters with the access code.
- The spreader control display shall be a 7" diagonal, color TFT, with a 16:9 Wide-Screen format. The operator menus shall be color coded to match operator interface. The display shall be capable of displaying the following simultaneously: Granular material name, granular material set point vs. actual application rate, prewet liquid name, prewet set point vs. actual application rate, spread width, road temperature, air temperature, material usage total, liquid usage total, vehicle speed, and current date and time. The display will also provide four warning light options for low oil, body up, oil temp, and filter bypass. These warning lights are to be functional regardless of spreader operation or status. To avoid driver distraction, the display shall have no integrated dials or pushbuttons and shall not be touch screen

Comply Exactly: Yes_____ No_____

Exceptions:_____

SNOW PLOW LIGHTS:

TruckLite brand LED heated element plow lights.

- Mounted with custom fabricated 100% stainless steel brackets on truck fenders. Brackets must be painted black.
- Plow lights to be wired into the truck's existing headlight circuit using the factory installed switch.
- Plow lights must function in high and low beam modes using existing truck's dimmer switch.
- Plow lights and truck chassis headlights must never operate at the same time

Comply Exactly: Yes_____ No_____

Exceptions:_____

LIGHTING & ELECTRICAL

ALL lighting and layout must meet all Federal, State, and DOT regulations. No exceptions.

- LED Lighting system
 - All marker, work, S/T/T, backup and strobe lighting to be LED.
 - The two (2) LED model 590-0026 spreader flood lights with 850 Lummins to be mounted one each side and must be on an independent rocker switch. Location will be determined at the time of build.
 - Whelen brand model 50A03ZAR LED Amber strobes grommet mounted. No exceptions
 - Chassis step mounted two (2), one each side.
 - Whelen brand model 50A02SA1 LED Red strobes grommet mounted. No exceptions.
 - Rear corner post mounted each side below Amber.
 - Grote brand LED red marker lights grommet mounted.
 - Whelen brand grill mounted model #50A03ZAR TIR6, two. Mounted on independent rocker switch.
 - Two (2) LED model 591-0027 work spot lights with 850 Lummins installed atop both driver and passenger side steps facing forward and to be operated from one independent rocker switch.
 - Qty. (6) Whelen brand LED 4" Round lights grommet mounted in two (2) 6" x 3" x ¼" minimum structural stainless steel tubing with capped ends, to be mounted off the right and left side. Tubes to be flush to the rear pintle plate and not extend outward past pintle plate. One (1) each outside end 4" Red STT. One (1) each middle 4" Clear Backup. One (1) each inside 4" Amber Strobe.
- Electronic Back-Up Alarm provided by chassis dealer and relocated if needed.
- Electronic brake controller mounted in cab and run to rear trailer plug. Must have automatic audible adjustment built in.
- Body Up Indicator Light.
 - Sealed weatherproof proximity switch on hoist-frame.
 - Whelen model ION-R body up light mounted in cab
- All non-strobe wiring to be 7 wire trailer cable. Separate cable routed from in-cab to all non-strobe lights with sealed junction box at rear so all wiring connections are made either inside cab and in a sealed junction box
- One (1) solid stainless steel rod must be mounted under body and all electrical body lighting must be neatly run. Rod will be one piece and full length. No exceptions.
- All wire connections shall be made in the chassis cab or by means of a waterproof junction

box. In cab connections shall be made using vinyl coated crimp connectors covered in weather resistant heat shrink tubing. There shall be no wire splices outside the cab. All wiring to junction box shall be resistant to abrasion, ozone, sunlight, chemicals and oil. The outer jacket shall be chlorinated polyethylene and be approved for submersion in water. The outer jacket shall be label with the cable identification wire gauge and number of conductors. Must be MSHA approved. All body lighting shall be supplied by a single sealed harness from the junction box and making the connection at the light by means of weather tight sealed connector. All strobe lights shall be included in the same harness and be connected by means of a Deutsch connector, no exceptions

Comply Exactly: Yes_____ No_____

Exceptions:_____

MISCELLANEOUS

- 90 degree elbow extension on top of chassis vertical exhaust stack to clear cab protector and still route exhaust upward to be provided by chassis supplier and installed by body company.
- Upon installation of all components, truck must be delivered to the truck dealer for final inspection and prep
- Rear pintle plate shall have a 20 ton pintle properly installed and secured
 - Mounted on reinforced 3/4" thick mounting plate at rear of chassis frame at designated clearance height to ground per Mercer County's requirements. Sides and bottom must be reinforced with 3/4" x 2" flat stock mounted behind the pintle plate.
 - Must include Safety two (2) 5/8" D-Rings, one (1) 7-wire flat plug and one (1) 6-wire plug
 - License plate light and bracket mounted to top corner on passenger side
 - Two (2) Swivel Glad Hands mounted at the County's discretion
 - Dump body to clear pintle hitch when dumping
- Rear tire mud-flaps and stone shields.
 1. Fleet Engineers brand poly fenders with stainless steel mounting brackets.

Comply Exactly: Yes_____ No_____

Exceptions:_____

INSTALLATION AND WARRANTY

- Minimum twenty-four (24) months, 100% parts and labor on components and installation. No deductible.
- For warranty considerations and future availability of parts and service, the body company must be an authorized primary distributor for all major components they propose to furnish. Must furnish written proof from such said vendor upon request.
- All equipment must be installed by a single body company, by their employees and at their regular location.
- Installation of components is not to be subcontracted by body company to another installer.
- No welding whatsoever is to be done on chassis frame between front of most forward spring hanger and rear of rearmost spring hanger.
- No drilling whatsoever is to be done in frame rail flanges

- Body company to furnish operator's parts and service manuals for all components manufacturer's i.e., dump body, hoist, snow plow, salt spreader, central hydraulic system and strobe lights
- Completed vehicle must be certified by the body company as meeting all federal motor vehicle safety standard in effect at time of chassis production.
 - Approved NHTSA/FMVSS certification label must be furnished and located inside cab on driver's side
- Completed unit to comply with current OSHA regulations
- Body company must be registered with National Highway Traffic Safety Administration as a final stage manufacturer of motor vehicles as required by Federal Law
- Body company to conduct operator training session on body and equipment at the The County garage after delivery of completed truck
- Delivered of completed vehicle must be within 90 to 110 days after delivery of cab chassis to up-fitter. \$75 a day penalty might incur with later delivery.
- Body company must have ASE certified installer/s and show documentation at time of bid. No exceptions
- Body company to be registered and in good standing with National Truck Equipment Association (NTEA), be a MVP member, and be the authorized distributor for all equipment bid
- Dump Body, Snow Plow, Snow Plow Hitch, Spreader must be engineered and manufactured in the United States of America and all from the same manufacturer. No exceptions
- Hydraulic schematic must be provided and laminated and placed inside the combination valve enclosure/combo tank lid
- A required pre-build meeting will occur after award of bid and prior to the start of installation. No exceptions.
- The County will inspect all equipment (plow, hitch, hook lift and tailgate spreader) prior to the start of the installation. No exceptions.

Comply Exactly: Yes_____ No_____

Exceptions:_____

MOLDBOARD

- The moldboard shall be heavy duty full trip design type Snowplow with level lift without additional mechanical mechanism
- Moldboard will be an integral shield with trip edge
 - Length to be 11'
 - Height to be 30" (not including rubber deflector) at inlet and 48" discharge. No exceptions
 - 36" side plastic markers mounted to plow
- The moldboard shall be reinforced at the top with a 3-1/2" x 2-1/2" x 3/8" with holes to allow moisture to escape with poly 36" markers.
- 10 GA. 201 Stainless Steel rolled moldboard with eight (8) 1/2" x 3-1/2" ribs for extra strength and rigidity. No exceptions
- All welds must be continuous (skip welds not acceptable).
- Bottom angle must be 4" x 4" x 3/4" with an additional 4" x 3" x 1/2" trip edge angle
- Top moldboard angle must be constructed of 3-1/2" x 2-1/2" x 3/8" with holes to allow moisture to escape.
- Two horizontal structural angle braces 1/4' x 3" x 3" added for rigidity.
- Attack angle of moldboard shall have adjustments of 5, 10, and 20 degree.

Comply Exactly: Yes_____ No_____

Exceptions:_____

CUTTING EDGE:

- The cutting edge must be 10" rubber cutting edge with cover plate. No exceptions. Must be AASHO standard punched, mounted flush with moldboard and be easily replaceable.
- Cutting edge face must have wrap around curb guards mounted on both ends with same bolts/nuts as cutting edge. No Exceptions.

Comply Exactly: Yes_____ No_____

Exceptions:_____

TRIPPING MECHANISM:

- Full Moldboard Trip with (2) two internal compression springs with adjustment to trip tension.
- Trip-Spring anchor plates are encased and continuous welded to the push frame providing greater strength.
- Trip spring assemblies shall be constructed with (2) ½" thick bars which are welded to the upper spring cap assembly and (1) ¾" thick bar, enclosed by (1) compression spring
- Spring wire material to be AISI 51604 rated.
- Free length of 23.25", OD of 5.31", ID of 3.87" and wire diameter of .719".
- QTY 14.32 coils with 12.32 coils active
- Spring Rate of 322 pounds/inch

Comply Exactly: Yes_____ No_____

Exceptions:_____

PUSH TUBE ASSEMBLY:

- The circle push frame shall be designed to provide level lift of the plow, allowing contouring action of the moldboard with the road surface
- The circle frame shall be manufactured utilizing a structural tube design
- The front most main push tube shall be 132" in overall width and manufactured of no less than 5" x 5" x .38w tube. This main push tube shall include (8) paired pivot plate ears for attachment to the plow moldboard. There shall be (16) pivot plate ears constructed of no less than 5/8" plate. The pivot plates shall be flame cut to accept the 1.25" moldboard pivot pins. The pivot ears shall be designed as to mate against the front vertical and top horizontal section of the front main push tube. The pivot plate ears shall be further reinforced with a 2" x 2" x .38 triangular gusset.
- The arc portion of the circle push frame shall be manufactured from no less than 5" x 5" x .38w structural tube. The tubes shall be further gusseted to one another with a 4" x 5.78" x ½" plate. The arc shall be 95" in width at the main front push tube for maximum push tube support. There shall be (2) 1" plate stops located on the underside of the circle frame.
- The a-frame pivot shall be constructed of no less than (2) ¾" tri-angular center pivot plates with an encased 3-1/2" OD x ½" wall main pivot tube. The triangular pivot plates shall be 18" in width and 5.32" at the peak.
- The reversing cylinder lugs shall be fabricated of no less than ¾" plate and shall include an

upper and lower plate. The cylinder pivot lug plates shall be fully welded to the tubular push frame and also be designed to act as a gusset between the main front push tube and circle frame.

- Included on the main front push tube shall be (2) lift chain brackets constructed of no less than ½" plate with a slotted chain keeper.
- Stationary plow angle, no power angle. No manual angle.
- Two (2) running gear mounting plates with hole pattern must be mounted on each rear facing ends of pushframe
- 10" caster wheel assemblies with handle crank, one per side.

Comply Exactly: Yes_____ No_____

Exceptions:_____

A-FRAME:

- Pivot capture plates shall consist of (2) plates constructed of 1" x 11" x 12-7/8" plates. These plates will be flame cut and have a 2.53" hole to pin the a-frame assembly the push-tube assembly. The top pivot capture plate shall be drilled and threaded for a ¾" capture bolt to prevent pin rotation.
- Top main A-frame plate shall be constructed of 3/8" x 28" x 25-5/8" flame cut plate. The narrowest portion of the top plate shall remain a minimum of 12". Top plate shall also be flame cut to accept the reversing cylinder pins. Pin hole shall be 1.281" in diameter. Each pin holes shall be further reinforced with a 1" thick plate which is flame cut to accept reversing cylinder pin.
- Bottom main a-frame plate shall be constructed of 3/8" x 28" x 25-5/8" flame cut plate. The narrowest portion of the top plate shall remain a minimum of 12". Bottom plate shall also be flame cut to accept the reversing cylinder pins. Pin hole shall be 1.281" in diameter. There shall be a 6" access hole for attaching the hitch swivel bolt.
- The A-frame vertical side plates which tie the top and bottom plates into a boxed formation shall be constructed of ½" x 4" x 32" plate and formed to follow the contour the top and bottom plates.
- The rear A-frame push plate shall be constructed of 1" x 6-3/4" x 33-5/8" plate. This plate shall be flame cut with a 1-9/16" hole to accept the plow hitch attachment bolt.
- On the top side of the A-frame plate shall be a mounting plate to which attached is the reversing cylinder cushion valve.
- Plow portion hitch must be pin hitch and fit existing County of Mercer truck portion hitches.

Comply Exactly: Yes_____ No_____

Exceptions:_____

PAINT:

- All metal surfaces are to be phosphate washed to remove slag, splatter, oxide and oil residue.
- Moldboard frame work must be powder-coated black with stainless steel face left un-painted.
- Push frame, "A" frame and other miscellaneous components are powder-coated black for increase paint durability.

Comply Exactly: Yes_____ No_____

Exceptions:_____

ANTI-ICING SPRAY SYSTEM

Heavy Duty Polyurethane Spray System.

- System shall be capable of dispensing liquid De-Icers on three lanes at a rate of 60 gallons per lane mile at 60 mph.
- The liquid tank shall have a capacity of 3200 gallons and to be constructed out of polyurethane. Dimensions must be 88" x 172" x 74".
- Tank shall have surge busters at 1 per every 9.4 gallon.
- Two (2) man-holes with lid shall be 16" in diameter. One per side.
- The tanker rear bumper shall also provide for the mounting of the pump, valves and spray bars.
- Load and unload connection will be a part assembly, an adjustable 304 stainless steel center spray bar with fold up boom system with 8 solid stream non-adjustable nozzles shall be provided;
- The spray bar assembly must be adjustable off the road surface.
- Mounting of unit to be on flatbed using hoop kit and bolted to wood deck. Platform to have rear rollers, one per side.
- A spray bar for the left and right lane shall be provided, the bar shall have 4 adjustable solid stream nozzles, and shall be placed off the road surface. 1-½ inch stainless steel trunnion style ball with poly housing valve shall be provided for activation and de-activation of the selected spray bar.
- Stainless steel nozzles to be rated at 24 gallons per lane
- All mounting brackets and hardware to attach plumbing and spray bar assemblies shall be of 304 stainless steel.
- The liquid chemical pump must be a 190 gpm centrifugal pump with a 2" suction and 1-1/2" pressure ports and be constructed of stainless steel.
- The hydraulic motor shall be integral with the liquid pump. The hydraulic motor will require no more than 12 gpm @ 2100 psi, and must be capable of working on fixed gear pump systems or load sensing systems.
- A filter will be installed after the pump to protect the flow meter, nozzles and valves.
- Hydraulics for the pump/valves will be controlled electronically, definite in above hydraulic and spreader control section
- All wiring and hydraulic hoses shall be routed away from pinch points, sharp corners and heat sources. 1 1/2" plumbing shall be provided for all liquid de-Icer pressure lines.
- The system will be capable of self loading liquids from a ground based tank or mobile nurse tank.
- All fittings must be glass filled polypropylene, capable of Adaptations.
- Two (2) yellow clearance lights; four (4) red reflectors; one (1) 3-light cluster. ICC Lights.
- Check valves shall be installed at boom to minimize run-on and improve start up response.
- Flatbed must include the A-Frame/Subframe per the manufacturer's spec. Hook height must be 53.88". NO exceptions.

Comply Exactly: Yes_____ No_____

Exceptions:_____

ONE MAN SELF-CONTAINED DEBRIS COLLECTOR

GENERAL:

- The intent of these specifications is to cover the requirement to manufacture a heavy-duty one-man operated hook-lift mounted self-contained debris collector that vacuums from the right (passenger) side of the unit.
- The design of the unit shall incorporate the latest available technology and engineering capacities.
- All bolts shall have aircraft quality nylon lock nuts on the unit and any component that is riveted shall use only stainless steel rivets.
- For superior strength and durability of the machine, tab and slot construction procedures shall be used for all metal fabricated components.
- The proposed unit shall be a current production model; proto type or obsolete units will not be considered.
- The proposed unit bid must be a regularly manufactured unit with at least ten (10) references available (please provide references with bid).
- The leaf collection unit shall meet or exceed all OSHA, federal and state regulations and requirements.
- Each bidder must check either "Yes" or "No" for each section. If "Yes" is checked, bidder will be expected to supply exactly what is described. If "No" is checked, please provide a detail explanation of the deviation, no matter how minor it may be. If the bidder fails to respond either "Yes" or "No", the bid will be rejected for non-compliance.

Comply Exactly: Yes_____ No_____

Exceptions:_____

POWER:

- John Deere Power Tech model EWX 4.5 liter (or equal) four-cylinder turbo charged diesel engine FINAL Tier 4 certified and rated for 74HP at 2400 RPMs provides the power.
- The engine shall have replaceable wet type cylinder liners.
- The engine is equipped with a 12-volt starter, alternator and a heavy-duty air cleaner.
- A heavy-duty stainless steel particulate complying with Final Tier 4 requirements shall be supplied.
- The engine sound rating shall be no higher than 80 dBA at 50 feet.
- For maximum safety, a 3" diameter stainless steel exhaust pipe shall root the engine exhaust out to the lower driver's side of the unit.
- To reduce the possibility of the radiator from becoming clogged with leaf dust, a pressurized "trash" style radiator shall be used.
- The radiator shall have a minimum of 3 cores to provide maximum cooling.
- For maximum engine cooling, an 18" diameter fan with seven 5" wide blades shall be provided.
- The fan blades shall be at a 40° chord angle and are capable of producing 7,600 cfm to pull the air through the radiator.
- The radiator shall be equipped with a bottom hinged secondary screen.
- The radiator screen shall be constructed out of ½" expanded metal backed with 1/8" hardware screening. The use of fine window screening is not desirable due to the lack of air that can pass through and the overall durability of it.
- The secondary radiator screen shall be powder coated black to prevent corrosion.

- The secondary radiator screen shall be held in place by two adjustable over-center clamps and can be opened and cleaned without powering down the unit.

Comply Exactly: Yes____ No____

Exceptions:_____

ENGINE CONTROLS:

- The auxiliary engine and hydraulic functions shall be controlled and monitored by an electronic control system with a master display module.
- The master display module shall have a 3.5" transfective TFT color display.
- There shall be five navigation buttons and four "soft" function buttons to make interaction with the control simple for the operator.
- The master display module shall be mounted on a swivel mount system in between the driver seats.
- The swivel mount system shall allow the operator to rotate and or tilt the display module for optimal viewing from either side of the cab.
- The control system shall monitor the auxiliary engine's rpm's, water temperature, oil pressure, voltage and fuel.
- The display module shall show electronic gauges for all of the above engine functions.
- The control system shall indicate when fuel supply reaches 5% reserve and will shutdown the engine when a 2% reserve is reached.
- For engine protection, the control system will shut the engine down immediately if the water temperature becomes too high or loss of engine oil pressure.
- The following conditions will cause the control system to perform a safe engine shutdown mode: turning the control system off; trap door on blower housing open; high hydraulic oil temperature; and low fuel.
- The safe engine shutdown mode function will automatically lower the engine's rpm's down to an idle, disengage the clutch/PTO and allow the engine to run for approximately 30 seconds after a system error has occurred.
- The control system will not let the clutch/PTO engage if the engine's rpm's are higher than 900 rpm's.
- The control system will automatically disengage the clutch/PTO if the engine has been running too long at idle.
- There shall be a true "Emergency" kill switch located on the control panel that will shut down everything immediately.
- The control system shall also oversee all hydraulic functions of the unit including the 3 axis hose boom and rear door latches.
- The display monitor also has an emergency mode that will allow you to work all the hydraulic functions but will disable the clutch and engine rpm functions.
- The control system shall also have the capability to log and store critical engine and hydraulic functions to assist with maintenance.
- To eliminate electrical connectors, the engine and hydraulic control panel shall communicate to the modules mounted on the body via wireless technology.
- There shall be a built in safety feature that if the body is raised, the rear engine will automatically shutdown.

Comply Exactly: Yes____ No____

Exceptions:_____

ENGINE ENCLOSURE:

- The engine is fully enclosed in a custom metal housing.
- The enclosure shall have front and rear access doors that protect operators from all belts, fans and moving parts.
- Front and rear access doors shall have openings for optimum ventilation.
- The top of the engine enclosure shall be completely removable without the use of tools; enclosures that are bolted together not desirable.
- All access doors shall be securely held in place by adjustable twist latches.
- The top of the engine compartment shall have hinged doors for convenient access to the radiator cap and oil fill.
- Adjustable twist latches shall secure the top access door.

Comply Exactly: Yes_____ No_____

Exceptions:_____

FUEL TANK:

- A 40-gallon minimum capacity fuel tank shall be supplied
- The tank shall be constructed out of the strongest of cross link polyethylene resins and is roto-molded in a manner to have a wall thickness of ¼" over the entire surface of the tank.
- Stainless steel, aluminum or steel fuel tank(s) are not desirable due to their corrosive nature and or their tendency to crack due to vibration with this type of machine.
- The tank shall be mounted behind the A-frame of the hook lift sub frame.

Comply Exactly: Yes_____ No_____

Exceptions:_____

PTO AND POWER TRANSMISSION BELT DRIVE:

- The power take off is a heavy-duty spring loaded automotive type clutch with a 2-1/4" diameter hardened shaft.
- PTO shaft shall turn on 2 roller bearings that are pressed into the housing.
- The PTO shall be separate from the clutch assembly and bolt directly to the engine bell housing.
- The clutch shall consist of an automotive style industrial quality 13" pressure plate and a one-piece clutch disc.
- All clutch linkage must be on the outside of the housing so that it is not necessary to remove the clutch housing for adjustments.
- The clutch shall have a handle that is mounted to a solid shaft with no couplers so the operator can engage and disengage the PTO.
- For safety reasons, the operator must be capable of disengaging the PTO mechanically without making any modifications or using tools.
- Power is transferred from the engine to the impeller shaft via a 4-grooved power band belt.
- Power band belt shall provide the suction fan with a 1:1 ratio with the engine PTO shaft speed.
- The power band belt shall be constructed with Kevlar to provide the maximum amount of life with minimal stretching.
- The power band shall be enclosed in a completely shielded compartment so that no part of the belt, drive sheaves or shafts are exposed or visible.

Comply Exactly: Yes_____ No_____

Exceptions:_____

HOOK LIFT SKID MAIN FRAME:

- The skid frame is constructed of heavy-duty enclosed tubular steel, formed and welded to mate up to the village's hook-lift truck.
- The frame is constructed out of 2" x 8" tubular steel with ¼" thick walls, the use of I-beams or channel will not be acceptable due to their open design.
- Steel rollers shall be supplied at the rear of the sub-frame assembly.
- The skid frame shall have the proper locking mechanism to mate with the borough's truck and have steel rollers at the rear.
- The height of the "hook" shall be compatible with the township's hook lift truck.

Comply Exactly: Yes_____ No_____

Exceptions:_____

BOX CONTAINER BE SERIES (BOTTOM EXHAUST):

- The box has a useable inside capacity of not less than 18 cubic yards and is self-dumping.
- Top of the box is equipped two easily removable ½" expanded metal mesh screens with a smaller 1/8" metal screening on the inside of the box for proper ventilation. Screens on the hopper sidewalls will not be acceptable.
- The top screens slide into a channel and are bolted in place. Top screens welded in place are not acceptable.
- Top screens shall be capable of being removed without requiring personnel to enter the interior of the hopper.
- Hinged access panels with over-center latches shall be provided to gain access to the top screens
- The box is constructed out of 12-gauge steel and is bolted to the platform floor. Hoppers that are welded to the platform floor are not desirable.
- The box is structurally supported by a minimum of four 3" channels vertically positioned on the sides and tied into cross members across the top.
- The interior of the box is smooth and the floor has drain holes to help eliminate additional water weight.
- The floor of the box shall be supported by channel cross members.
- For improved driver visibility while driving the unit, the hopper body platform shall have a maximum width of 88".
- There shall be a ¼" thick abrasion resistant deflector and an in-line rubber deflector to insure proper settlement of leaves in the box.
- There shall be metal ductwork so to direct the exhausted air across the top of the box, down the sides and exit at the bottom of the unit.
- At the final exit point of the exhausted air shall be angled inward towards the bottom center of the unit.
- To help dissipate the exhausted airflow, the air exhaust ducting shall be at it largest opening at the final exit point of the system.
- The box shall be equipped with a single top hinged rear door that securely latched at the bottom.
- The rear door shall be properly supported with adjustable truss bracing to keep the door from bowing during leaf collection.

- Rear door latch mechanism shall be hydraulically controlled from inside the cab.
- LED type clearance lights and red/white reflective tape shall be supplied.
- At the rear of the unit two (2) LED amber flasher lights shall be flush mounted within the skirting of the box container. Lights mounted on the rear doors of the unit are not desirable.
- The front of the hopper shall have four forward facing oval amber flashing lights.

Comply Exactly: Yes_____ No_____

Exceptions:_____

HYDRAULIC SYSTEM:

- The unit shall be equipped with an independent hydraulic system from the truck to provide proper flow and pressure to the 3-axis boom assembly.
- A hydraulic pump shall be coupled directly to the engine's auxiliary drive.
- The proportional hydraulic systems shall operate up to 3200 psi and is "live" as soon as the engine is started.
- The proportional hydraulic system shall allow for infinitely adjustable flow volumes providing precise control for the operator.
- The use of directional control valves or open/shut valve bodies is not desirable.
- A hydraulic reservoir is supplied with an in-line hydraulic filter.
- Hydraulic tank shall be conveniently mounted at the front of the hook lift A-frame assembly and include a sight gauge and fill cap that are easily accessible.
- All hydraulic hoses shall be supplied with JIC swivel type fittings and straight thread o-rings fittings

Comply Exactly: Yes_____ No_____

Exceptions:_____

SUCTION IMPELLER:

- The impeller diameter shall be a minimum of 30" dia. with 6 gusseted blades.
- The blades are constructed out of 3/8" thick abrasive resistant T-1 steel with a Brinell hardness exceeding 400.
- For maximum vacuum and superior wear characteristics, the suction blades shall be straight (flat) with no curve or cups formed in them.
- The impeller back plate shall have a minimum thickness of 1/4".
- The suction impeller blades shall be keyed and notched into the back plating.
- Each impeller blade shall have fully enclosed gussets on the backside for support and prevent mud and leaf material from accumulating on the gusset.
- The suction impeller blades shall have a gently serrated tip to lower the operating noise level.
- The suction impeller shall be secured to the drive shaft via a taper locking hub to provide a better-fit and easy removal.
- The taper locking hub shall have a safety ring to protect it from direct impact of foreign material.
- The suction impeller shall be both statically and dynamically balanced.
- The suction impeller shall be stress relieved via Bonal stress relief technology. This will ensure the safest and most durable impeller. A copy of the Bonal stress report shall be supplied with the new unit.

Comply Exactly: Yes_____ No_____

Exceptions:_____

IMPELLER SUPPORT SHAFT (BELT DRIVE)

- The impeller is supported by a minimum of 2-1/4" diameter.
- The impeller shaft shall be supported by two 2-1/4" diameter four bolt flange bearings.
- The four bolt flange bearings shall have a double row of precision spherical roller bearings and shall utilize an eccentric locking collar to lock to the shaft. The use of single row or ball type bearings is not desirable.
- The impeller bearings shall be heavy-duty type with a minimum dynamic load rating of 26,500 pounds. Please indicate the dynamic load rating_____lbs
- The impeller bearings shall be heavy-duty type with a minimum static load rating of 31,000 pounds. Please indicate static load rating_____lbs
- The flange bearings shall be mounted to steel plates with a nominal thickness not less than 7/16".
- The flange bearings shall have a Teflon seal to prevent any foreign material from seeping through the blower-housing opening.
- After the removal of the blower housing cover plate, the entire suction fan, shaft and bearings shall be removable as a complete assembly by the removal of only 8 bolts.

Comply Exactly: Yes_____ No_____

Exceptions:_____

BLOWER HOUSING:

- Blower housing shall be located at the curbside of the truck, bolted in place.
- The outer scroll of the blower housing is constructed out of 10-gauge steel.
- The front and back plates of the blower housing are constructed out of 7-gauge steel.
- The interior of the housing is equipped with a two-piece slip in liner constructed out of ¼" thick abrasion resistant steel that requires no bolts.
- An additional bolt in ¼" thick liner shall be provided to protect the housing from material that gets carried over before it exits the housing.
- An inspection/clean out door is provided with a safety kill switch that shuts the engine down when opened or improperly closed.
- The inspection/clean out door shall be side hinged and require no more than two (2) nuts to be removed to open.
- The bottom of the blower housing shall have a drain to help prevent water from accumulating when not in use.

Comply Exactly: Yes_____ No_____

Exceptions:_____

INTAKE HOSE:

- The intake hose shall be 16" diameter x 144" long of heavy-duty wire reinforced flexible urethane hose with a wall thickness of 0.70".
- The intake hose shall be suspended from the hydraulic boom arm by an adjustable chain, for operator's safety, the use of springs or cables will not be acceptable.

- The hose support tube shall connect to a metal hose support band wrapped around the hose for a secure and safe connection. The use of rubber or belting materials to support the weight of the intake hose is not acceptable.
- The intake hose is equipped with a 16" nozzle that is constructed out of 12-gauge steel.
- The suction nozzle shall be connected to the boom assembly via an I-beam structure that is designed to pivot at both ends. This design provides a secure connection for both vertical and horizontal movement of the assembly.
- The use of chains, cables or rods to connect the suction nozzle to the boom assembly are not desirable.
- The suction nozzle shall have wear strips welded to the bottom to prevent the nozzle from being sucked to the ground surface.
- The suction hose shall be secured to the straight inlet via an over-center clamp; hoses that are bolted to the inlet are not acceptable.
- The hose shall be capable of pivoting forward or reward and lock to the unit for transport without having to remove the hose.

Comply Exactly: Yes_____ No_____

Exceptions:_____

HYDRAULIC BOOM:

- The intake hose boom shall be a 3-axis (in/out, up/down & forward/reverse) that is hydraulically operated.
- The boom assembly must be capable of having a 180° working arc that allows the hose to be pointed toward the front of the truck and swing all the way towards the rear of the truck, no exceptions.
- The boom shall raise and lower by a hydraulic cylinder with a minimum 1-1/2" diameter piston with a minimum stroke length of 12".
- A double acting hydraulic cylinder shall provide the in/out function of the boom assembly.
- A hydraulic motor coupled to a wheel motor drive assembly shall provide the 180° forward/reverse boom rotation.
- A 2" diameter 4-bolt flange bearing shall support the bottom of the 3-axis boom mast.
- The use of hydraulic cylinders to swing the boom assembly forward/reverse is not desirable.
- Adjustable boom "stops" shall be provided to limit the forward/reverse motion of the boom assembly.
- The hydraulic boom shall be capable of working off of the front bumper of the truck and store along the side of the hopper.
- Units that store along the side of the passenger's side of the cab are not acceptable.
- The pivot point of the boom shall include a bushing and grease fitting for proper lubrication.
- The hydraulic boom assembly shall be mounted directly over the center of the suction hose so that it can work freely to the front or rear of the unit. Side mounted booms are not desirable.
- The hydraulic boom shall be straight for maximum strength.
- For maximum strength, the first section of the boom shall be constructed out of a minimum of 4" x 4" x 1/4" tubing, with the second section out of 2" x 3" x 1/4" tubing.
- The boom assembly shall be mounted to 4" square tubing frame that is not attached to the vacuum blower housing.
- The entire boom mounting assembly shall be capable of swinging completely out of the way to gain full access to the blower housing.

- Complete access for service and maintenance of the impeller and blower housing liners shall not require the removal of the suction hose or 3-axis boom assembly.
- A proportional three-way joystick shall be used to control the functions of the boom assembly.

Comply Exactly: Yes_____ No_____

Exceptions:_____

PAINT:

- Automotive style paint equal to Sikken, Imron or better shall be provided.
- To provide the long lasting paint job, all components must be painted prior to assembly.
- Units that have latches, bolts, nuts, wires, cables, bearings, filters or grease fittings painted will not be accepted.
- The unit's engine shall be left the original color so that no wires or labels are painted over.
- The entire unit must be painted with a finish coat including under the hopper decking and engine compartment.
- All hardware shall be cadmium plated and left unpainted.
- Each component shall be properly prepared, primed with an acid etching primer, then painted with two coats of customer's choice of color.
- The skid frame and underside of the container box shall be painted black.

Comply Exactly: Yes_____ No_____

Exceptions:_____

WARRANTY AND MANUALS:

- The entire unit shall carry a one-year warranty for parts and labor against manufacturing defects and materials.
- The John Deere engine shall have a minimum two-year warranty.
- An unconditional 30-day guarantee shall be submitted on the bidder's letterhead stating, "if the end user is not pleased or satisfied in the quality and performance of the proposed equipment within 30 days after delivery, a full refund including freight will be furnished to the customer." No exceptions to this requirement.
- Delivery shall be included in the cost of the unit.
- Training DVD shall be provided showing maintenance and operating procedures.
- Complete parts, operating and service manuals for both the unit and the engine shall be supplied on cd-rom.

Comply Exactly: Yes_____ No_____

Exceptions:_____

COUNTY OF MERCER

ACKNOWLEDGMENT OF RECEIPT OF ADDENDA

The undersigned Bidder hereby acknowledges receipt of the following Addenda:

<u>Addendum Number</u> <u>Receipt</u>	<u>Dated</u>	<u>Acknowledge</u> (initial)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

☐ No addenda were received:

Acknowledged for: _____
(Name of Bidder)

By: _____
(Signature of Authorized Representative)

Name: _____
(Print or Type)

Title: _____

Date: _____

INSTRUCTIONS TO BIDDERS AND STATUTORY REQUIREMENTS

SUBMISSION OF BIDS

- A. Sealed bids shall be received by the County of Mercer in accordance with public advertisement as required by law, with a copy of said notice being attached hereto and made a part of these specifications.
- B. The bid shall be submitted in a sealed envelope: (1) addressed to the County of Mercer, (2) bearing the name and address of the bidder written on the face of the envelope, and (3) clearly marked "BID" with the contract title and/or bid # being bid.
- C. It is the bidder's responsibility that bids are presented to the County at the time and at the place designated. Bids may be hand delivered or mailed; however, the County disclaims any responsibility for bids forwarded by regular or overnight mail. If the bid is sent by express mail service, the designation must also appear on the outside of the express mail envelope. Bids received after the designated time and date will be returned unopened.

NOTE:

The United States Postal Service does not deliver priority or overnight mail directly to the County of Mercer's physical address. If a bidder chooses to use the United States Postal Service, it is the bidder's responsibility to ensure that the bid package is delivered by the bid opening date and time. Any bid document received after the deadline established by the Department of Purchasing will not be accepted, regardless of the method of delivery.

- D. The Mercer County Park Commission and the Mercer County Library System are considered agencies of the County entitled to participate in the contract(s) resulting from this bid.
- E. Sealed bids forwarded to the County before the time of opening of bids may be withdrawn upon written application of the bidder. Once bids have been opened, they shall remain firm for a period of sixty (60) calendar days.
- F. All prices and amounts must be written in ink or preferably machine-printed. Bids containing any conditions, omissions, unexplained erasures or alterations, items not called for in the bid proposal form, attachment of additive information not required by the specifications, or irregularities of any kind, may be rejected by the County. Any changes, whiteouts, strikeouts, etc. in the bid must be initialed in ink by the person signing the bid.
- G. Each bid proposal form must give the full business address, business phone, fax, e-mail if available, the contact person of the bidder, and be signed by an authorized representative as follows:
 - Bids by partnerships must furnish the full name of all partners and must be signed in the partnership name by one of the members of the partnership or by an authorized representative, followed by the signature and designation of the person signing.
 - Bids by corporations must be signed in the legal name of the corporation, followed by the name of the State in which incorporated and must contain the signature and designation of the president, secretary or other person authorized to bind the corporation in the matter.
 - Bids by sole-proprietorship shall be signed by the proprietor.

- When requested, satisfactory evidence of the authority of the officer signing shall be furnished.
- H. Bidder should be aware of the following statutes that represent "Truth in Contracting" laws:
- N.J.S.A. 2C:21-34, governs false claims and representations by bidders. It is a serious crime for the bidder to knowingly submit a false claim and/or knowingly make material misrepresentation.
 - N.J.S.A. 2C:27-11 provides that a person commits a crime if said person offers a benefit to a public servant for an official act performed or to be performed by a public servant, which is a violation of official duty.
 - N.J.S.A. 2C:27-11 provides that a bidder commits a crime if said person, directly or indirectly, confers or agrees to confer any benefit not allowed by law to a public servant.
 - Bidder should consult the statutes or legal counsel for further information.
- I. If not submitting a bid proposal in accordance with the attached instructions and specifications, the outside of the above stated envelope shall be plainly marked **"NO BID"** when being returned. If bidder wishes to remain on bid list, please mark **"NO BID - PLEASE RETAIN ON BID LIST"** on front page of this proposal. Failure to comply may result in bidder being dropped from bid list.
- J. Contract shall be awarded to the lowest responsible bidder as declared by the County of Mercer. The contract awarded between the County of Mercer and the successful bidder shall establish the contractual obligation regarding specific items, specifications and services to be provided to the county.
- K. Successful bidder shall not assign, transfer, convey sublet or otherwise dispose of the contract or any part thereof to anyone without the written consent of the County of Mercer.
- L. The County of Mercer reserves the right in the event of unsatisfactory service to cancel the contract awarded to the successful bidder and procure the goods or services from other sources and hold the contractor responsible for any excess cost.
- M. The successful bidder agrees that he will make no claim for additional payment or any other concession because of any misrepresentation or misunderstanding of the contract on his part, or of any failure to fully acquaint himself with any conditions relating to the contract.
- N. Bidders are cautioned to fill in all information as requested on the proposal forms to serve as a basis for making awards. The county, without invalidating the contract, may order changes consisting of additions, deletions or modifications and the contract sum shall be adjusted accordingly.
- P. Bidder shall list all deviations from the specifications as contained herein when returning proposal as specified.
- Q. The bidder, if awarded a contract, agrees to protect, defend and save harmless the County of Mercer against any damage for the payment for the use of any patented material process, article or device that may enter into the manufacture, construction or form a part of the work covered by his contract, and he further agrees to indemnify and

save harmless the County of Mercer from suits or actions of every nature and description brought against it, for or on account of any injuries or damages received or sustained by any parties, by, or from any acts of the contractor, his servants or agents.

- R. Bidder must provide Certificate of insurance in a form and amount acceptable to the County of Mercer including General Liability, Automobile, Workman's Compensation and such other coverage as may be deemed necessary by the County of Mercer for the work, services or goods being bid.
- S. Bidder may be required to submit financial statements unless a guarantee by certified check, cashier's check or bid bond, or surety certificate is required. Refer to Bidder's Checklist.
- T. BIDDERS SHALL PROVIDE TRADE SECRET OR PROPRIETARY INFORMATION UNDER SEPARATE COVER WITH THE BID RESPONSE.
- U. SOURCE OF SPECIFICATIONS/BID PACKAGES Official County bid packages for routine goods and services are available from on the county website www.mercercounty.org at no cost to the vendor. All addenda are posted on this site. Potential bidders are cautioned that they are bidding at their own risk if a third party supplied the specifications that may or may not be complete. As such, The County is not responsible for third party supplied specifications.
- V. The County reserves the right to purchase items from state contract or other county contracts, co-op vendors and/or in the open market, if such use serves the interest of the County. The County reserves the right to bid separately for any commodity.

BUDGET SEQUESTRATION

All contracts shall include the following language with regard to automatic spending cuts to United States federal government funding:

"THE CONTRACT AWARD IS CONTINGENT UPON RECEIVING REQUISITE FEDERAL FUNDING NECESSARY TO COMPLETE THE TERMS OF THE CONTRACT."

INTERPRETATION AND ADDENDA, CHALLENGE TO SPECIFICATIONS

The bidder understands and agrees that its bid is submitted on the basis of the specifications prepared by the County. The bidder accepts the obligation to become familiar with these specifications. Bidders are expected to examine the specifications and related documents with care and observe all their requirements. Ambiguities, errors or omissions noted by bidders should be promptly reported in writing to the Purchasing Department. In the event the bidder fails to notify the County of such ambiguities, errors or omissions, the bidder shall be bound by the bid.

No oral interpretation of the meaning of the specifications will be made to any bidder. Every request for an interpretation shall be in writing, addressed to the Purchasing Department. In order to be given consideration, written requests for interpretation must be received as least ten (10) days prior to the date fixed for the opening of the bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications, and will be distributed to all prospective bidders, in accordance with Statute. All addenda so issued shall become part of the contract documents, and shall be acknowledged by the bidder in the bid. The County's interpretations or corrections thereof shall be final.

If the amount shown in words and its equivalent figures do not agree, the written words shall be binding. Ditto marks are not considered writing or printing and shall not be used. In the event that there is a discrepancy between the unit prices and the extended totals, the unit prices shall prevail. In the event there is an error of the summation of the extended totals, the computation by the County of the extended totals shall govern.

Any prospective bidder who wishes to challenge a bid specification shall file such challenges in writing with the contracting agent no less than three business days prior to the opening of the bids. Challenges filed after that time shall be considered void and having no impact on the contracting unit or the award of contract.

**PRE-BID CONFERENCE – REFER TO ADVERTISEMENT FOR BID FOR DATE AND TIME – IF REQUESTED
BRAND NAMES, STANDARDS OF QUALITY AND PERFORMANCE**

Only manufactured and farm products of the United States, wherever available, shall be used on this contract in accordance with prevailing statutes.

Brand names and or descriptions used in this bid are to acquaint bidders with the type of commodity desired and will be used as a standard by which alternate or competitive materials offered will be judged. Competitive items must be equal to the standard described and be of the same quality of work. Variations between materials described and the materials offered are to be fully explained by the bidder on a separate sheet and submitted with the proposal form. Vendor's literature will not suffice in explaining exceptions to these specifications. In the absence of any changes by the bidder, it will be presumed and required that materials as described in the proposal be delivered. It is the responsibility of the bidder to demonstrate the equivalency of item(s) offered. The County reserves the right to evaluate the equivalency of a product which, in its deliberations, meets its requirements.

The contractor shall hold and save harmless the County, its officers, agents, servants, and employees, from any liability of any nature and kind for or on account of the use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention or article furnished or used in the performance of this contract.

Wherever practical and economical to the County, it is desired that recycled or recyclable products be provided. Please indicate when recycled products are being offered.

In submitting its bid, the bidder certifies that the goods and services to be furnished will not infringe upon any valid patent or trademark and that the successful bidder shall, at its own expense, defend any and all actions or suits charging such infringement, and will save the County harmless from any damages resulting from such infringement.

MULTI-BRAND MANUFACTURER'S

Specifications for a contract item may include a specific manufacturer's brand and model number or equivalent. The product brand or brands referenced in the specifications shall be restricted to one brand produced or manufactured by a multi-brand commercial products manufacturer.

PRICING INFORMATION FOR PREPARATION OF BIDS

The County is exempt from any local, state or federal sales, use or excise tax.

Estimated Quantities (Open-End Contracts): The County has attempted to identify the item(s) and
CK09MERCER2017-06 HOOK LIFT TRUCK

the estimated amounts of each item bid to cover its requirements; however, past experience shows that the amount ordered may be different than that submitted for bidding. The right is reserved to decrease or increase the quantities specified in the specifications pursuant to N.J.A.C. 5:30-11.2 and 11.10. NO MINIMUM PURCHASE IS IMPLIED OR GUARANTEED.

Contractor shall be responsible for obtaining any applicable permits or licenses from any government entity that has jurisdiction to require the same. All bids submitted shall have included this cost.

Bidders shall insert prices for furnishing goods and services required by these specifications. Prices shall be net, including any charges for packing, crating, containers, etc. All transportation charges shall be fully prepaid by the contractor, F.O.B. destination and placement at locations specified by the County. As specified, placement may require inside deliveries. No additional charges will be allowed for any transportation costs resulting from partial shipments made for the contractor's convenience.

METHOD OF CONTRACT AWARD

The length of the contract shall be stated in the technical specifications. Pursuant to requirements of N.J.A.C. 5:30-5.1 et seq., any contract resulting from this bid shall be subject to the availability and appropriation of sufficient funds annually.

If the award is to be made on the basis of a base bid only, it shall be made to that responsible bidder submitting the lowest base bid. If the award is to be made on the basis of a combination of a base bid with selected options, it shall be made to that responsible bidder submitting the lowest net bid.

The County may also elect to award the contract on the basis of unit prices.

The form of contract shall be submitted by the County to the successful bidder. Terms of the specifications/bid package prevail. Bidder exceptions must be formally accepted by the County.

TERMINATION OF CONTRACT

If, through any cause, the contractor shall fail to fulfill in a timely and proper manner obligations under the contract or if the contractor shall violate any of the requirements of the contract, the County shall there upon have the right to terminate the contract by giving written notice to the contractor of such termination and specifying the effective date of termination. Such termination shall relieve the County of any obligation for balances to the contractor of any sum or sums set forth in the contract. County will pay only for goods and services accepted prior to termination.

Notwithstanding the above, the contractor shall not be relieved of liability to the County for damages sustained by the County by virtue of any breach of the contract by the contractor and the County may withhold any payments to the contractor for the purpose of compensation until such time as the exact amount of the damage due the County from the contractor is determined.

The contractor agrees to indemnify and hold the County harmless from any liability to subcontractors or suppliers concerning payment for work performed or goods supplied arising out of the lawful termination of the contract by the County under this provision.

In case of default by the contractor, the County may procure the goods or services from other sources and hold the contractor responsible for any excess cost.

Continuation of the terms of the contract beyond the fiscal year is contingent on availability of funds in the following year's budget. In the event of unavailability of such funds, the County reserves the right to cancel the contract.

ACQUISITION, MERGER, SALE AND/OR TRANSFER OF BUSINESS, ETC.

It is understood by all parties that if, during the life of the contract, the contractor disposes of his/her business concern by acquisition, merger, sale and or/transfer or by any means convey his/her interest(s) to another party, all obligations are transferred to that new party. In this event, the new County(s) will be required to submit all documentation/legal instruments that were required in the original bid/contract. Any change shall be approved by the County.

The contractor will not assign any interest in the contract and shall not transfer any interest in the same without the prior written consent of the County.

The County of Mercer reserves the right, at its option, to terminate this contract upon giving thirty (30) days written notice to the contractor.

PAYMENT

No payment will be made unless duly authorized by the County of Mercer's authorized representative and accompanied by proper documentation. Payment will be made in accordance with the County of Mercer's policy and procedures.

TRANSITIONAL PERIOD

In the event services are terminated by contract expiration or by voluntary termination by either the Contractor or The County of Mercer, the Contractor shall continue all terms and conditions of said contract for a period not to exceed thirty (30) days at the County's request.

STATISTICAL DATA REPORT

If requested, the contractor shall provide in writing to the County, all statistical data reports which identify all goods and or services provided.

NEW JERSEY SALES TAX

In submitting his bid, the Contractor certifies that the total base bid set forth does not include any New Jersey Sales Tax, and he further certifies that in the event he is the successful bidder, he will only apply for an exemption for materials or supplies to be used in connection with County property.

Contractor's Exemption Purchase Certificate, Form ST-13, issued by the State of New Jersey Division of Taxation, Sales Tax Bureau, shall be completed and presented to his suppliers for material used to make any permanent change to a County Building on this contract.

http://www.state.nj.us/treasury/taxation/pdf/other_forms/sales/st13.pdf

LATE FEE POLICY

The County of Mercer pays vouchers bi-weekly, thus vendors, in most cases are paid in less than 30 days, if the vendor has complied by responding promptly with delivery, a signed voucher and an original invoice. We can pay only for goods and services rendered and late fees and service charges are not appropriated for such purposes. All County employees are reminded that no one is authorized to sign a letter of credit or any other document that represents a legal commitment on the part of the County without a specific authorization from our governing body or through a resolution that grants the same. All credit applications or similar forms are carefully read in Finance and terms the County does not agree to, are stricken.

TIE BIDS: Tie bids will be decided by the County of Mercer.

DEMONSTRATION AND SAMPLE

If so requested, the vendor shall provide demonstration. If so requested, the vendor shall submit a sample of the units or merchandise.

MANUFACTURERS' NAMES

Any manufacturers' names, trade names, brand names or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand, which meets or exceeds the quality of the specifications listed for any item.

AWARD/REJECTION

In accordance with N.J.S.A. 40A:11-24, all contracts will be awarded or all bids will be rejected within sixty (60) days of the receipt of bids unless vendor agrees to extend for a longer period of time.

AVAILABILITY OF FUNDS

Pursuant to statutory requirements, any contract resulting from this bid shall be subject to the availability and appropriation of sufficient funds annually.

MULTIPLE BIDS NOT ALLOWED

More than one bid from an individual, a firm or partnership, a corporation or association under the same or different names shall not be considered.

FAILURE TO ENTER CONTRACT

Should the bidder, to whom the contract is awarded, fail to enter into a contract within 21 days, Sundays and holidays excepted, the County of Mercer may then, at its option, retain the bidder's bid deposit/bond and accept the bid of the next lowest responsible bidder.

INQUIRIES

All questions and information pertaining to this proposal shall be directed to the Department of Purchasing at (609) 989-6710.

COMMUNICATIONS AFTER THE BID OPENING

It is highly improper for a bidder after bid opening to contact any representative of the County of Mercer to discuss the bids. The solicitation package contains all documents and instructions. These may be supplemented by any comments you wish to make. Such additional material and comments must be submitted with the bid. Should there be any questions concerning the bid submitted, you will be contacted by a representative of the County of Mercer and any discussion or contact will be limited to the questions of the representative.

INDEX RATE

If the County of Mercer desires to extend a contract under the provisions of N.J.S.A. 40A:11-15 or N.J.S.A. 18A:18A-42, the index rate is the basis to determine the appropriate increase in the contract price. The following are the requirements for using this provision: Contracts for services, the statutory length of which is for three years or less, may only include provisions for no more than one (1) two-year or two (2) one-year extensions. The original bid specifications and contract must include language that explains the possibility for an extension.

W-9

Successful bidder/respondent shall complete A W-9 Form and submit to the Purchasing Department prior to the contract award. The form is available at the following link: www.irs.gov/pub/irs-pdf/fw9.pdf

INVOICING

Awarded contractors shall provide detailed invoicing itemizing hours worked for each trade and trade rate. Materials shall be broken out. Reflecting the contractor's cost of materials and up charge. Proof of purchase is required to be submitted with invoicing.

SAFETY PROGRAM:

Observe all rules and regulations of the Federal, State, and local health officials, including regulations concerning construction safety and health standards. At the preconstruction meeting, submit to the County approval a written safety program that meets or exceeds the minimum requirements of the Contract and applicable State or Federal regulations. Include at a minimum the following:

1. **Description.** Describe in detail how the safety program is implemented and monitored. Provide guidelines for protecting personnel from hazards associated with Project operations and activities. Establish the policies and procedures for safety practices that are necessary for the Work to be in compliance with the requirements of OSHA and other State and Federal regulatory agencies with jurisdiction, rules, regulations, standards, or guidelines in effect at the time the Work is in progress.
2. **Certification, Responsibility, and Identification of Personnel.** Identify the qualified safety professional responsible for developing the safety program and provide that person's qualifications for developing the safety program including, but not be limited to, education, training, certifications, and experience in developing this type of safety program. Provide a certification, executed by the qualified safety professional that developed the safety program, stating that the safety program complies with the rules, regulations, standards, and guidelines in effect at the time the Work is in progress, of OSHA, and other applicable Federal, State, and local regulatory agencies having jurisdiction.

Identify a safety officer and designate the on-site supervisory-level personnel responsible for implementing and monitoring the safety program until Acceptance and having the authority to take prompt corrective measures to eliminate hazards, including the authority to stop work. Include documentation of training provided to the on-site supervisory-level personnel. For work that requires a competent person as defined by OSHA, ensure that the person is capable of identifying existing and predictable hazards and has the authority to take prompt corrective measures to eliminate the hazards, including the authority to stop work. Include documentation of the qualifications of such competent persons identified, including certifications received.

3. **Elements of the Program.** Include information and procedures for the following elements:
 - a. **Chain of Command.** Include the responsibilities of the management, supervisor, safety officer, and employees.
 - b. **Traffic Control Coordinator.** Include the name and contact information.
 - c. **Environmental Manager.** Include the name and contact information.
 - d. **Local Emergency Telephone Numbers.** Include police, fire, medical
 - e. **Procedures for Handling Emergencies.** Provide guidelines for handling emergencies, including emergency action plans for accidents involving death or serious injury,

property damage, fires, explosions, and severe weather. Include the emergency contact information of the Contractor's personnel responsible for handling emergencies.

- f. **Training Topics.** Include regulatory and jobsite toolbox meetings. Include the documentation from the training and an attendance sheet for each.
- g. **Contractor's Safety Rules.** Include housekeeping procedures and personal protective equipment requirements.
- h. **Employee Disciplinary Policy.** Include the violation forms.
- i. **Safety Checklists.** Include project safety-planning, emergency plans and procedures, documentation, and protective materials and equipment.
- j. **Forms.** Include OSHA 300 Log
- k. **Security Policy Guidelines.** Provide a copy for the County.
- l. **Hazard Communication Program.** Provide the following:
 - 1. The location of and instructions for understanding the MSDS. Ensure that the location and instruction are available to anyone within the Project Limits.
 - 2. The person responsible for the hazard communication program and the method of informing personnel of the hazardous communication program. Include attendance sheets of hazard communication meetings.
 - 3. When performing work that generates airborne crystalline silica, include engineering and work practice controls to limit exposure levels to at or below the permissible exposure limit according to 29 CFR 1910.1000 Table Z-3. Ensure that the program includes employee training and respiratory protection measures according to 29 CFR 1910.134 and control of the area when the permissible exposure limit is exceeded. Provide a trained and competent person, according to 29 CFR 1926.30, within the Project Limits at all times when performing work that produces airborne crystalline silica.
- m. **Additional Requirements.** Provide additional procedures for Project specific topics including:
 - 1. Compressed gas cylinders.
 - 2. Confined spaces.
 - 3. Cranes.
 - 4. Electrical.
 - 5. Equipment operators.
 - 6. Fall protection.
 - 7. Hand and power tools.
 - 8. Hearing conservation.
 - 9. Highway safety.
 - 10. Lead.
 - 11. Lock out/tag out.
 - 12. Materials handling, storage, use, and disposal.
 - 13. Night work.
 - 14. Personal protective equipment.
 - 15. Project entry and exit.
 - 16. Respiratory protection.
 - 17. Sanitation.
 - 18. Signs, signals, and barricades.
 - 19. Subcontractors.
 - 20. Trenching.

The Contractor is responsible for implementing, monitoring, updating, and revising the safety program until Acceptance. Submit updates and revisions to the safety program to the County for approval when new information, new practices or procedures, or changing site and environmental conditions

necessitate modifications to protect site personnel. Maintain a copy of the updated safety program, including the appropriate documentation associated with each element, within the Project Limits so that it is available to workers and other authorized persons entering the Project Limits. Provide program updates to County.

The Contractor is responsible for safety in all aspects, and as set forth in the Insurance and Indemnification Agreement, shall defend and indemnify the County for any failure or breach to comply with the rules, regulations, standards, and guidelines in effect at the time the Work is in progress, of OSHA, and other applicable Federal, State, and local regulatory agencies having jurisdiction pertaining to the Contractor's safety program.

STATUTORY REQUIREMENTS

REQUIRED AFFIRMATIVE ACTION EVIDENCE

No firm may be issued a contract unless they comply with the affirmative action regulations of P.L. 1975, c. 127, as amended from time to time.

GOODS AND SERVICES (INCLUDING PROFESSIONAL SERVICES) CONTRACTS

Each contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

- A photocopy of the Federal Letter of Affirmative Action Plan Approval, or;
- A photocopy of a Certificate of Employee Information Report; or
- A photocopy of an Employee Information Report (Form AA302) which is available upon request.

MAINTENANCE/CONSTRUCTION CONTRACTS

After notification of award, but prior to signing the contract, the contractor shall submit to the public agency compliance officer and the Division of Contract Compliance and Equal Employment Opportunity in Public Contracts (Division) an initial project workforce report (Form AA201) provided to the public agency by the Division for distribution to and completion by the contractor, in accordance with N.J.A.C. 17:27-7.

AMERICANS WITH DISABILITIES ACT OF 1990

Discrimination on the basis of disability in contracting for the purchase of goods and services is prohibited. Bidders are required to read Americans With Disabilities language that is included in this specification and agree that the provisions of Title II of the Act are made a part of the contract. The contractor is obligated to comply with the Act and to hold the County harmless.

STATEMENT OF CORPORATION OWNERSHIP 52:25-24.2. BIDDERS TO SUPPLY STATEMENT OF OWNERSHIP OF 10% INTEREST IN CORPORATION OR PARTNERSHIP

No corporation or partnership shall be awarded any contract nor shall any agreement be entered into for the performance of any work or the furnishing of any materials or supplies, the cost of which is to be paid with or out of any public funds, by the State, or any county, municipality or school district, or any subsidiary or agency of the State, or of any county, municipality or school district, or by any authority, board, or commission which exercises governmental functions, unless prior to the receipt of the bid or accompanying the bid, of said corporation or said partnership, there is submitted a statement setting forth the names and addresses of all stockholders in the corporation or partnership who own 10% or more of its stock, of any class or of all individual partners in the partnership who own a 10% or greater interest therein, as the case may be. If one or more such stockholder or partner is itself a corporation or partnership, the stockholders holding 10% or more of that corporation's stock, or the individual partners owning 10% or greater interest in that partnership, as the case may be, shall also be listed. The disclosure shall be continued until names

and addresses of every noncorporate stockholder, and individual partner, exceeding the 10% ownership criteria established in this act, has been listed. Failure to submit a stockholder disclosure document shall result in rejection of the bid.

PROOF OF BUSINESS REGISTRATION P.L. 2009, c.315

In accordance with N.J.S.A. 52:32-44(b), a bidder and its named subcontractors must have a valid Business Registration Certificate ("BRC") issued by the Department of Treasury, Division of Revenue prior to the award of a contract. To facilitate the proposal evaluation and contract award process, the county recommends that bidders submit a copy of a valid BRC and those of any named subcontractors with its bid. Bidders and named subcontractors shall be registered through the New Jersey Division of Revenue, Department of the Treasury, at the time of or prior to the date for submission of bids. Prior to the contract award, a copy of the New Jersey Business Registration for the General Contractor and any named Subcontractors must be provided. A BRC is obtained from the New Jersey Division of Revenue. Information on obtaining a BRC is available on the internet at www.nj.gov/njbgs or by phone at (609) 292-1730.

NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW ACT

The manufacturer or supplier of chemical substances or mixtures shall label them in accordance with the N.J. Worker and Community Right to Know Law (N.J.S.A. 34:51 et seq., and N.J.A.C 5:89-5 et seq.). Containers that the law and rules require to be labeled shall show the Chemical Abstracts Service number of all the components and the chemical name. Further, all applicable Material Safety Data Sheets (MSDS) and hazardous substance fact sheets must be furnished. All direct use containers shall bear a label indicating the chemical name(s) and Chemical Abstracts Service number(s) of all hazardous substances in the container, and all other substances which are among the five most predominant substances in the container, or their trade secret registry number(s). (N.J.A.C. 8:59-5) or adhere to the requirements of The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the U.S. Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (HCS) as outlined in the **Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations as adopted in final rule by DEPARTMENT OF LABOR, Occupational Safety and Health Administration, 29 CFR Parts 1910, 1915, and 1926, [Docket No. OSHA-H022K-2006-0062, (formerly Docket No. H022K)], RIN 1218-AC20, Hazard Communication.**

C.40A:11-13 SPECIFICATIONS

No Financial Statement shall be required of vendors if either a guarantee, by certified check, cashier's check or bid bond, or a surety company certificate is also required to be furnished by the bidder, unless any law or regulation of the United States imposes a condition upon the awarding of a monetary grant to be used for the purchase, which condition requires that a financial statement be submitted.

PREVAILING WAGE ACT

Pursuant to N.J.S.A. 34:11-56.25 et seq., contractors on projects for public work shall adhere to all requirements of the New Jersey Prevailing Wage Act. The contractor shall be required to submit a certified payroll record to the owner within ten (10) days of the payment of the wages. The contractor is also responsible for obtaining and submitting all subcontractors' certified payroll records within the aforementioned time period. **P.L. 2009, c.249 (A-4268/S-3095)**: Extends prevailing wage requirements to contracts for "maintenance-related projects" over \$50,000. It is the contractor's responsibility to obtain any additional copies of the certified payroll form to be submitted by contacting the New Jersey Department of Labor and Workforce Development, Division of Workplace Standards. Additional information is available at: http://lwd.dol.state.nj.us/labor/forms_pdfs/lse/payrollcert.pdf and as follows:

Public Contracts Section
Office of Wage and
Hour Compliance
CN 389
Trenton, New Jersey 08625-0389
Telephone number: (609) 292-2259

THE PUBLIC WORKS CONTRACTOR REGISTRATION ACT

N.J.S.A. 34:11-56.48 et seq. requires that a general or prime contractor and any listed subcontractors named in the contractor's bid proposal shall possess a certificate *at the time the bid proposal is submitted*. After bid proposals are received and prior to award of contract, the successful contractor shall submit a copy of the contractor's certification along with those of all listed subcontractors. All non-listed subcontractors and lower tier sub-subcontractors shall be registered prior to starting work on the project. It is the general contractor's responsibility that all non-listed sub-contractors at any tier have their certificate prior to starting work on the job.

PAY TO PLAY

Starting in January, 2007, business entities are advised of their responsibility to file an annual disclosure statement of political contributions with the New Jersey Election Law Enforcement Commission (ELEC) pursuant to N.J.S.A. 19:44A-20.27 if they receive contracts in excess of \$50,000 from public entities in a calendar year. Business entities are responsible for determining if filing is necessary. Additional information on this requirement is available from ELEC at 888-313-3532 or at www.elec.state.nj.us.

PROMPT PAYMENT OF CONSTRUCTION CONTRACTS P.L. 2006, C. 96

In compliance with N.J.S.A. 2A:30A-1 et seq., the County of Mercer shall impose the following payment process:

The County of Mercer shall pay the submitted bill not more than 30 calendar days after the receipt of the bill by the County if the vendor has performed in accordance with the contract and the work has been approved and certified by the County. The billing shall be deemed "approved" and "certified" 20 calendar days after the owner receives it, unless the County provides, before the end of the 20-day period, a written statement of the amount withheld and the reason for withholding payment.

PROCESS OF ALTERNATE DISPUTE RESOLUTION

Contract documents entered into in accordance with the provisions of P.L.1971, c.198 (C.40A:11-1 et seq.) after the effective date of P.L.1997, c.371 (C.40A:11-50) shall provide that disputes arising under the contract shall be submitted to a process of resolution pursuant to alternative dispute resolution practices, such as mediation, binding arbitration or non-binding arbitration pursuant to industry standards, prior to being submitted to a court for adjudication. It is understood that the County of Mercer shall have the right to request mediation if services being provided are deemed deficient in any way.

SOLID WASTE CONTRACT P.L. 2009, c. 88

The law requires the contractor (or any subcontractor) to keep records and file with the public agency a wage payment report for employees under the contract that are engaged in solid waste or recyclable "collection and transportation."

PRICE ADJUSTMENT FOR ASPHALT CEMENT AND FUEL P.L. 2009, c.187

APPLIES TO CONSTRUCTION BIDS

Effective with contracts executed after May 1, 2010, the law follows procedures used by the State Department of Transportation to allow for increases and decreases in asphalt and fuel prices over the course of large construction contracts. The calculation is based upon [2007 NJDOT Specifications – Division 150 Contract Requirements, Section 160.01 through 160.03](#).

The law requires that paving contracts involving more than 1,000 tons of hot mix asphalt include a contract provision that allows for price adjustments in the cost of asphalt. Fuel price adjustments are based on DOT standards for the type of construction equipment and the work done by different equipment. For fuel price adjustments, at least 500 gallons of fuel based on the DOT equipment standards are required for a price adjustment, and then, only in those months when the price fluctuated more than five percent.

DOT maintains a [web site of index rates for asphalt and fuel](#) that are adjusted monthly. The law provides that when the quantity or equipment use thresholds are reached, fuel price adjustments are made, using the change in index rate from the time of bidding to when the work was performed. The change is treated as a "pay item" in construction contracts.

RECORDS FOR THE NEW JERSEY STATE COMPTROLLER

Pursuant to N.J.S.A. 52:15C-14(d), relevant records of private vendors or other persons entering into contracts with the County are subject to audit or review by the New Jersey Office of the State Comptroller. Therefore, the Contractor shall maintain all documentation related to products, transactions or services under this contract for a period of five years from the date of final payment. Such records shall be made available to the New Jersey Office of the State Comptroller upon request.

P.L. 2012 BID OR PROPOSAL PROHIBITED

C.52:32-57 "P.L. 2012, c.25 prohibits State and local public contracts with persons or entities engaging in certain investment activities in energy or finance sectors of Iran."

BID SECURITY AND BONDING REQUIREMENTS (Not Applicable)

The following provisions, if indicated by an (x), shall be applicable to this bid and be made a part of the bidding documents:

A. ☐ BID GUARANTEE

Bidder shall submit with the bid a certified check, cashier's check or bid bond in the amount of ten percent (10%) of the total price bid, but not in excess of \$20,000, payable unconditionally to the County. When submitting a Bid Bond, it shall contain Power of Attorney for full amount of Bid Bond from a surety company authorized to do business in the State of New Jersey and acceptable to the County. The check or bond of the unsuccessful bidder(s) shall be returned pursuant to N.J.S.A. 40A:11-24a. The check or bond of the bidder to whom the contract is awarded shall be retained until a contract is executed and the required performance bond or other security is submitted. The check or bond of the successful bidder shall be forfeited if the bidder fails to enter into a contract pursuant to N.J.S.A. 40A:11-21. Failure to submit a bid guarantee shall result in rejection of the bid.

B. ☐ CONSENT OF SURETY

Bidder shall submit with the bid a Certificate (Consent of Surety) with Power of Attorney for full amount of bid price from a Surety Company authorized to do business in the State of New Jersey and acceptable to the County stating that it will provide said bidder with a Performance Bond in the full amount of the bid. This certificate shall be obtained in order to confirm that the bidder to whom the contract is awarded will furnish Performance and Payment Bonds from an acceptable surety company on behalf of said bidder, any or all subcontractors or by each respective subcontractor or by any combination thereof which results in performance security equal to the total amount of the contract, pursuant to N.J.S.A. 40A:11-22.

Failure to submit a Consent of Surety form shall result in rejection of the bid.

C. ☐ PERFORMANCE BOND

Bidder shall simultaneously with the delivery of the executed contract, submit an executed bond in the amount of one hundred percent (100%) of the acceptable bid as security for the faithful performance of this contract. Failure to submit this with the executed contract shall be cause for declaring the contract null and void pursuant to N.J.S.A. 40A:11-22.

P.L. 2012 BID OR PROPOSAL PROHIBITED

C.52:32-57 "P.L. 2012, c.25 prohibits State and local public contracts with persons or entities engaging in certain investment activities in energy or finance sectors of Iran."

I am the duly authorized agent making certification that there has been no engagement in certain investment activities in energy or finance sectors of Iran as prohibited by P.L. 2012, c.25. The Chapter 25 list is found at:

<http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>

NAME OF BIDDER

SIGNATURE OF AUTHORIZED REPRESENTATIVE

TITLE

DATE

Immigration and Naturalization Laws and Criminal Background Check
(Not Applicable)

Vendors must comply with all Immigration and Naturalization Laws as are currently in force on each potential employee to work under this contract on County of Mercer.

If the County requires a background check, the vendor must contact the New Jersey State Police to perform a Criminal Background Check **on each potential employee to work under this contract on County of Mercer property.** A copy of the results of the Criminal Background Check must be provided to the County of Mercer **[insert appropriate department, agency, commission, etc.]** at least ten (10) days prior to an employee being permitted access to County of Mercer property. The County of Mercer will notify the vendor if a proposed vendor employee will not be permitted to work under this contract within ten (10) work days following receipt of the results. If the County of Mercer does not notify the vendor of such exclusion within ten (10) days the vendor may assign said employee to work under the contract.

[For insertion into multi-year contracts] The vendor must provide the results of a Criminal Background Check on its employees working under the contract on County of Mercer property every twelve (12) months.

Please access the following website for Instructions For Obtaining a Criminal History Record: <http://www.njsp.org/criminal-history-records/index.shtml>

VEHICLE AND EQUIPMENT TRAINING REQUIREMENTS

AWARDED CONTRACTOR SHALL PROVIDE OPERATING TRAINING BY A MANUFACTURER APPROVED TRAINING INSTRUCTOR UPON DELIVERY OF EQUIPMENT OR VEHICLE. VENDORS MUST SPECIFY THE MANUFACTURER'S CUT-OFF DATE FOR CURRENT VEHICLE OR EQUIPMENT. THE VENDOR MUST SPECIFY EXCEPTIONS IF PROVIDING A LATER MODEL AFTER THE CUT-OFF DATE.

Operator parts and service manuals shall be provided by the awarded contractor. The vendor will pick up vehicle or equipment for all warranty work. The vendor will return the vehicle after repairs are completed for inspection.

Vehicle/Equipment will be licensed and titled to the County of Mercer with registration and tags included.

Manufacturer's Cut-off Date_____

Comply? **YES** ☐ **NO** ☐

Exceptions:

SIGNATURE AND DATE

Executive Order 98 - 1

WHEREAS it is in the interests of the county to purchase goods and services from responsible contractors that provide quality and services at a competitive price; and

WHEREAS the county does not desire to do business with companies that compete by exploiting their workforce rather than by running efficient, reliable and responsible operations; and

WHEREAS, the county purchases items of apparel and textiles, which is an industry in which many scandals have been uncovered in which producers maintain sweatshop conditions, such as paying poverty wages, violating workplace regulations, and suppressing worker rights; and

WHEREAS, such conditions in apparel and other industries threaten the jobs and working conditions of all workers; and

WHEREAS, it is the policy of the county that it should not purchase, rent or lease goods or services produced under such conditions; and

WHEREAS, sweatshop conditions flourish when the conditions of workers are hidden; and

WHEREAS, pressure from institutional purchasers such as governments is one of the most effective ways to combat sweatshop production,

THEREFORE IT IS HEREBY ORDERED, that it is the policy of the county that it should not purchase, lease, rent or take on consignment goods or services produced under sweatshop conditions, and that the following guidelines, criteria and procedures are adopted:

Section 1: The procedures and guidelines set forth herein shall apply to items of apparel and textiles, such as clothing, headwear, footwear, linens and fabric, as well as to any other industry designated by the county executive as vulnerable to sweatshop competition.

Section 2: In order to ensure that the county contracts with vendors that have responsible employment practices, the following criteria will be used in contracting for goods and services:

- A. Preference will be given whenever possible to goods or services produced in the U.S.A.
- B. The county will whenever possible only contract with vendors with responsible employment practices, as defined in Section 3.B below.

Section 3: The county shall require of every bidder for contracts covered under Section 1:

- A. Disclosure of all sub-contractors and sites. The bidder or vendor shall identify the name and address of each subcontractor to be used, as well as the address of all locations, including sub-contractor locations, substantially involved in providing goods or services covered by this act. Such information will be considered public information.

B. Certification of Compliance. The bidder or vendor shall certify each location, including sub-contractor locations, substantially involved in producing or distributing goods or services covered by this act meets the following standards:

1. Compensation. Wage and benefit levels must be sufficient to meet basic needs and provide some discretionary income for a family of 4 (a "living wage").
2. Rights. The company respects workers' rights to speak up about working conditions, without fear or retaliation, and to form unions of their own choosing without employer resistance. Due process and just cause procedures are used for discipline or discharge, with recourse to arbitration. The company complies with all laws, regulations and standards governing the workplace. The company does not use child labor, forced labor, corporal punishment. The company does not discriminate in hiring, promotion or compensation on the basis of race, national origin, religion, gender, sexual preference, union affiliation, or political affiliation.
3. Safety and Health. The factory provides a safe and healthy work environment.

Section 4: The county, at its discretion, may refuse to award a contract or terminate a contract or ban a vendor from holding contracts with the county for filing false information or for failing to file information required under this act. The county may, at its discretion, require correction and remediation of violations of the standards listed in section 3.B prior to renewing commerce with the contractor. The county may require further proof of compliance with the standards listed in Section 3.B. Upon request the contractor or subcontractor will make all relevant records available to the county or its designee.

I have read Executive Order 98-1 and agree to comply with its requirements.

DATE: _____

SIGNED _____

POSITION _____

COMPANY _____

AMERICANS WITH DISABILITIES ACT OF 1990
Equal Opportunity for Individuals with Disability

The contractor and the County of Mercer, (hereafter "owner") do hereby agree that the provisions of Title 11 of the Americans With Disabilities Act of 1990 (the "Act") (42 U.S.C. S121 01 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs, and activities provided or made available by public entities, and the rules and regulations promulgated pursuant there unto, are made a part of this contract. In providing any aid, benefit, or service on behalf of the owner pursuant to this contract, the contractor agrees that the performance shall be in strict compliance with the Act. In the event that the contractor, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the contractor shall defend the owner in any action or administrative proceeding commenced pursuant to this Act. The contractor shall indemnify, protect, and save harmless the owner, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages, of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The contractor shall, at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the owner's grievance procedure, the contractor agrees to abide by any decision of the owner which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the owner, or if the owner incurs any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the contractor shall satisfy and discharge the same at its own expense.

The owner shall, as soon as practicable after a claim has been made against it, give written notice thereof to the contractor along with full and complete particulars of the claim. If any action or administrative proceeding is brought against the owner or any of its agents, servants, and employees, the owner shall expeditiously forward or have forwarded to the contractor every demand, complaint, notice, summons, pleading, or other process received by the owner or its representatives.

It is expressly agreed and understood that any approval by the owner of the services provided by the contractor pursuant to this contract will not relieve the contractor of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the owner pursuant to this paragraph.

It is further agreed and understood that the owner assumes no obligation to indemnify or save harmless the contractor, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the contractor expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the contractor's obligations assumed in this Agreement, nor shall they be construed to relieve the contractor from any liability, nor preclude the owner from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.

EXCERPTS FROM THE EEOC SEXUAL HARASSMENT GUIDELINES

PART 1604 -- GUIDELINES ON DISCRIMINATION BECAUSE OF SEX

1604.11 Sexual Harassment

(a) Harassment on the basis of sex is a violation of Sec. 703 of Title VII (of the Civil Rights Act of 1964). Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment, (2) submission to or rejection of such conduct by an individual is used as the basis for employment decisions affecting such individual, or (3) such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile or offensive working environment.

(b) In determining whether alleged conduct constitutes sexual harassment, The Commission (EEOC) will look at the record as a whole and at the totality of the circumstances, such as the nature of the sexual advances and the context in which the alleged incidents occurred. The determination of the legality of a particular action will be made from the facts, on a case by case basis.

(c) Applying general Title VII principles, an employer, employment agency, joint apprenticeship committee or labor organization (hereinafter collectively referred to as "employer") is responsible for its acts and those of its agents and supervisory employees with respect to sexual harassment regardless of whether the specific acts complained of were authorized or even forbidden by the employer and whether the employer knew or should have known of their occurrence. The Commission will examine the circumstances of the particular employment relationship and the job functions performed by the individual in determining whether an individual in determining whether an individual acts in either a supervisory or agency capacity.

(d) With respect to conduct between fellow employees, employer is responsible for acts of sexual harassment in the workplace where the employer (or its agents or supervisory employees) knows or should have known of the conduct, unless it can be show that it took immediate and appropriate corrective action.

(e) An employer may also be responsible for the acts of non-employees, with respect to sexual harassment of employees in the workplace, where the employer (or its agents or supervisory employees) knows or should have known of the conduct and fails to take immediate and appropriate corrective action. In reviewing these cases the Commission will consider the extent of the employer's control and any other legal responsibility, which the employer may have with respect to the conduct of such non-employees.

INSURANCE AND INDEMNIFICATION REQUIREMENTS

If it becomes necessary for the contractor, either as principal or by agent or employee, to enter upon the premises or property of the County in order to construct, erect, inspect, make delivery or remove property hereunder, the contractor hereby covenants and agrees to take use, provide and make all proper, necessary and sufficient precautions, safeguards, and protection against the occurrence of happenings of any accidents, injuries, damages, or hurt to person or property during the course of the work herein covered and be his/her sole responsibility.

The contractor further covenants and agrees to indemnify and save harmless the County from the payment of all sums of money or any other consideration(s) by reason of any, or all, such accidents, injuries, damages, or hurt that may happen or occur upon or about such work and all fines, penalties and loss incurred for or by reason of the violation of any County regulation, ordinance or the laws of the State, or the United States while said work is in progress.

The contractor shall maintain sufficient insurance to protect against all claims under Workers Compensation as statutorily required, General Liability in the amount of \$1,000,000.00 single occurrence and \$2,000,000.00 general aggregate and Automobile Insurance in the amount of \$1,000,000.00 combined single limit. Vendors are responsible to provide updated certificates as policies renew. Depending upon the scope of work and goods or services provided, specific types of insurance may not be required. The Mercer County Division of Insurance and Property Management will make this determination.

In all cases where a Certificate of Insurance is required, the County of Mercer and Mercer County Park Commission (if applicable) is to be named as an additional insured and named as the certificate holder as follows: "County of Mercer, 640 South Broad Street, PO Box 8068, Trenton, NJ 08650-0068". The Certificate shall contain a 30-day notice of cancellation. The language shall state the following:

"The County of Mercer and Mercer County Park Commission (if awarded through the Park Commission) named as additional insured."

INDEMNIFICATION AND HOLD HARMLESS CLAUSE

Contractor shall indemnify, defend and save harmless the County from and against any and all loss cost (including attorneys' fees), damages, expenses and liability (including statutory liability and liability under Workers' Compensation Laws) in connection with claims for damages as a result of injury or death of any person or property damage to any property sustained by Contractor or all other persons which arise from or in any manner grow out of any act or negligence on or about the said premises by the Contractor, their partners, agents, employees, customers, invitees, contractors, subcontractors, sub-subcontractors, vendors and the County. This indemnification clause includes any and all claims and costs of same against the County except for the sole negligence of the County pursuant to N.J.S.A. 2A:40A-1. Further, this indemnification clause includes any and all claims and costs of same against the County involving environmental impairment.

WAIVER OF SUBROGATION CLAUSE

Contractor, as a material part of the consideration to be rendered to the County, hereby waives all claims against the County for damages to the goods, wares and merchandise in, upon or about said premises, and contractor will hold the County exempt and harmless from any damage and injury to any such person or to the goods, wares or merchandise of any such person, arising from the use of the premises by the contractor or from failure of the contractor to keep the premises in good condition and repair as herein provided.

Dated and Signed

INSURANCE CERTIFICATE

PLEASE TAKE NOTE OF THE FOLLOWING CHANGE

As you may be aware, there has been a recent change to the ACCORD insurance certificate which precludes placing the number of days for cancellation notification in the lower left hand box. You may fulfill the requirement for a 30-day notice of cancellation for a County of Mercer contract in any one of the following ways:

1. indicate a 30-day notice of cancellation in the Description of Operations box at the bottom of the certificate
2. indicate a 30-day notice of cancellation on a separate page
3. provide a copy of the cancellation clause from the policy (you do not need to provide a copy of the entire policy, only the page(s) referencing the cancellation clause)

If you need further clarification on this or other insurance certificate issues, please contact the Insurance and Property Management Office at 609-989-6655.

BACKGROUND INFORMATION FORM

The following information is used by Mercer County in the compilation of reports and research. The provision of this information will not affect the determination of this contract/agreement.

Name of Company _____

Address _____

Telephone _____

Nature of Business _____

The ownership of the above referenced business is considered:

1. Black ☐

2. Caucasian ☐

3. Hispanic ☐

4. Asian American ☐

5. American Indian ☐

6. Indian ☐

7. Female ☐

8. Other ☐

51% of the business must be owned and controlled by the ethnic group claimed.

Signed _____ Title _____ Date _____

MERCER COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER

EEO/AFFIRMATIVE ACTION COMPLIANCE NOTICE

N.J.S.A. 10:5-31 and N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

All successful bidders are required to submit evidence of appropriate affirmative action compliance to the County and Division of Public Contracts Equal Employment Opportunity Compliance. During a review, Division representatives will review the County files to determine whether the affirmative action evidence has been submitted by the vendor/contractor. Specifically, each vendor/contractor shall submit to the County, prior to execution of the contract, one of the following documents:

Goods and General Service Vendors

1. Letter of Federal Approval indicating that the vendor is under an existing Federally approved or sanctioned affirmative action program. A copy of the approval letter is to be provided by the vendor to the County and the Division. This approval letter is valid for one year from the date of issuance.

Do you have a federally-approved or sanctioned EEO/AA program? Yes ☐ No ☐
If yes, please submit a photostatic copy of such approval.

2. A Certificate of Employee Information Report (hereafter "Certificate"), issued in accordance with N.J.A.C. 17:27-1.1 et seq. The vendor must provide a copy of the Certificate to the County as evidence of its compliance with the regulations. The Certificate represents the review and approval of the vendor's Employee Information Report, Form AA-302 by the Division. The period of validity of the Certificate is indicated on its face. Certificates must be renewed prior to their expiration date in order to remain valid.

Do you have a State Certificate of Employee Information Report Approval? Yes ☐ No ☐
If yes, please submit a photostatic copy of such approval.

3. The successful vendor shall complete an Initial Employee Report, Form AA-302 and submit it to the Division with \$150.00 Fee and forward a copy of the Form to the County. Upon submission and review by the Division, this report shall constitute evidence of compliance with the regulations. Prior to execution of the contract, the EEO/AA evidence must be submitted.

The successful vendor may obtain the Affirmative Action Employee Information Report (AA302) on the Division website www.state.nj.us/treasury/contract_compliance.

The successful vendor(s) must submit the AA302 Report to the Division of Public Contracts Equal Employment Opportunity Compliance, with a copy to Public Agency.

The undersigned vendor certifies that he/she is aware of the commitment to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27 and agrees to furnish the required forms of evidence.

The undersigned vendor further understands that his/her bid shall be rejected as non-responsive if said contractor fails to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

COMPANY: _____ SIGNATURE: _____

PRINT NAME: _____ TITLE: _____

DATE: _____

(REVISED 4/10)
EXHIBIT A
MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE
N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127)
N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval

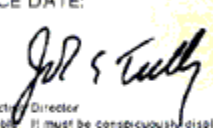
Certificate of Employee Information Report


Employee Information Report Form AA302, electronically provided by the Division and distributed to the public agency through the Division's website at:

www.state.nj.us/treasury/contract_compliance

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.**

FOLLOWING SAMPLE OF THE NEW JERSEY BUSINESS REGISTRATION CERTIFICATE ACCEPTABLE
BY THE COUNTY OF MERCER

STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE FOR STATE AGENCY AND CASINO SERVICE CONTRACTORS		DEPARTMENT OF TREASURY DIVISION OF REVENUE PO BOX 252 TRENTON, N.J. 08646-0252
TAXPAYER NAME: TAX REGISTRATION TEST ACCOUNT	TRADE NAME: CLIENT REGISTRATION	 Acting Director
TAXPAYER IDENTIFICATION#: 970-097-382/500	SEQUENCE NUMBER: 0107330	
ADDRESS: 847 ROEBLING AVE TRENTON NJ 08611	ISSUANCE DATE: 07/14/04	
EFFECTIVE DATE: 01/01/01		
FORM-BRC(08-01)		
This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.		

 STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE	
Taxpayer Name:	TAX REG TEST ACCOUNT
Trade Name:	
Address:	847 ROEBLING AVE TRENTON, NJ 08611
Certificate Number:	1093907
Date of Issuance:	October 14, 2004
For Office Use Only: 20041014112823533	

STATEMENT OF CORPORATION OWNERSHIP 52:25-24.2. BIDDERS TO SUPPLY STATEMENT OF OWNERSHIP OF 10% INTEREST IN CORPORATION OR PARTNERSHIP

No corporation or partnership shall be awarded any contract nor shall any agreement be entered into for the performance of any work or the furnishing of any materials or supplies, the cost of which is to be paid with or out of any public funds, by the State, or any county, municipality or school district, or any subsidiary or agency of the State, or of any county, municipality or school district, or by any authority, board, or commission which exercises governmental functions, unless prior to the receipt of the bid or accompanying the bid, of said corporation or said partnership, there is submitted a statement setting forth the names and addresses of all stockholders in the corporation or partnership who own 10% or more of its stock, of any class or of all individual partners in the partnership who own a 10% or greater interest therein, as the case may be. If one or more such stockholder or partner is itself a corporation or partnership, the stockholders holding 10% or more of that corporation's stock, or the individual partners owning 10% or greater interest in that partnership, as the case may be, shall also be listed. The disclosure shall be continued until names and addresses of every noncorporate stockholder, and individual partner, exceeding the 10% ownership criteria established in this act, has been listed. Failure to submit a stockholder disclosure document shall result in rejection of the bid.

STOCKHOLDER DISCLOSURE CERTIFICATION

FAILURE TO SUBMIT THE REQUIRED INFORMATION IS CAUSE FOR AUTOMATIC REJECTION

INSERT LEGAL NAME OF BIDDER:_____

☐ I certify that the list below contains the NAMES (DO NOT SPECIFY A CORPORATION OR HOLDING COMPANY) AND HOME ADDRESSES of all persons or individuals holding 10% or more of the issued and outstanding stock of the undersigned.

OR

☐ I certify that no one stockholder owns 10% or more of the issued and outstanding stock of the undersigned.

Check the box that represents the type of business organization:

<input type="checkbox"/> Partnership	<input type="checkbox"/> Corporation	<input type="checkbox"/> Sole Proprietorship
<input type="checkbox"/> Limited Partnership	<input type="checkbox"/> Limited Liability Corporation	<input type="checkbox"/> Limited Liability Partnership
<input type="checkbox"/> Subchapter S Corporation	<input type="checkbox"/> Non-Profit Corporation	<input type="checkbox"/> Other_____

COMPLETE IF THE BIDDER IS ONE OF THE FOUR TYPES OF CORPORATIONS:

DATE OF INCORPORATION:_____

STATE OF INCORPORATION:_____

BUSINESS ADDRESS:_____

STATE THE NAMES AND HOME ADDRESSES OF ALL STOCKHOLDERS HOLDING 10% OR MORE OF THE ISSUED AND OUTSTANDING STOCK (DO NOT REFERENCE A CORPORATION OR HOLDING COMPANY)

Name: _____

Name: _____

Address: _____

Address: _____

Signature_____ Date_____

Printed Name & Title_____

THIS FORM MUST BE SIGNED.

BID PROPOSAL FORM AND SIGNATURE PAGE

The undersigned bidder declares that he/she has read the Notice to Bidders, Instructions, Affidavits and Scope of Work and that he/she has determined the conditions affecting the bid agrees, if this proposal is accepted, to furnish and deliver the following:

ONE (1) HOOK LIFT TRUCK WITH A ONE MAN SELF-CONTAINED DEBRIS COLLECTOR MOUNTED ON A 2018 INTERNATIONAL 7600 SFA 6X4 OR EQUIVALENT TWO MAN CAB

COST PROPOSAL

UNIT COST FOR ONE (1) HOOK LIFT TRUCK
WITH A ONE MAN SELF-CONTAINED DEBRIS
COLLECTOR MOUNTED ON AN 2018
INTERNATIONAL 7600 SFA 6X4 OR EQUIVALENT

\$ _____

MANUFACTURER: _____

MODEL: _____

YEAR: _____

DELIVERY DATE: _____

TOTAL COST IN THE WRITTEN WORD

BID PROPOSAL FORM AND SIGNATURE PAGE CONTINUED

(SIGNATURE BY AUTHORIZED REPRESENTATIVE)

VENDOR WILL EXTEND CONTRACT PRICES TO THE "COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM" PARTICIPANTS

YES ☐ NO ☐

The undersigned is a Corporation, Partnership or Individual under the laws of the State of

_____ having its principal office at _____

COMPANY _____

ADDRESS

ADDRESS

NAME _____

TELEPHONE _____

FAX _____

E-MAIL _____

DATE _____

CONTRACT AWARD

Upon opening bids, pricing shall remain firm for a period of sixty (60) calendar days. In the event that the award is not made within sixty (60) calendar days, bidders may hold their bid consideration beyond sixty days or until the contract is awarded.

☐

Check here if willing to hold the pricing consideration beyond sixty days or until the contract is awarded.

☐

Check here if not willing to hold the pricing consideration beyond sixty days or until the contract is awarded.

AUTHORIZED SIGNATURE

CONTINUITY OF SERVICE DURING EMERGENCIES

In the event of an emergency, Vendor will provide priority service for Mercer County.

VENDOR EMERGENCY COMPLIANCE

YES ☐

NO ☐

Contractors shall have contingency plans to ensure that Services continue during emergency periods such as, but not limited to, major equipment breakdown, national or local strikes, severe weather conditions, power outages and traffic disruptions. In the event of a contract award, indicate a description of your contingency plan for ensuring services during emergencies.

IF AWARDED A CONTRACT, PLEASE PROVIDE CONTACT, ADDRESSES FOR PURCHASE ORDERS AND CHECK REMIT TO INFORMATION, COPY OF YOUR W9 AND UPON AWARD, FORWARD TO THE COUNTY OF MERCER, ACCOUNTS PAYABLE, 640 SOUTH BROAD STREET, TRENTON, NJ (609) 278 8139

CONTRACT CONTACT

COMPANY

PURCHASE ORDER MAILED TO:

CHECK REMIT TO:

TELEPHONE

FAX

E-MAIL

[illegible]

MERCER COUNTY COOPERATIVE MEMBERS

1. TOWNSHIP OF LAWRENCE

240 BAKERS BASIN ROAD
LAWRENCE, NEW JERSEY 08648
TELEPHONE: (609) 844-7137
FAX: (609)-584-0220

CONTACT PERSON: GREGORY WHITEHEAD
gwhitehead@lawrencetwp.com

2. PRINCETON

400 WITHERSPOON STREET
PRINCETON, NJ 08540
TELEPHONE: (609) 497-7655
FAX: (609) 924-9714

CONTACT PERSON: SANDY WEBB
swebb@princetonnj.gov

4. CITY OF TRENTON PURCHASING

319 EAST STATE STREET
TRENTON, NEW JERSEY 08608
TELEPHONE: (609) 989-3137
FAX (609) 989-4260

CONTACT PERSON: VIVIAN ARRINGTON
varrington@trentonnj.org

5. MERCER COUNTY COMMUNITY COLLEGE

1200 OLD TRENTON ROAD
WEST WINDSOR, NEW JERSEY 08550
TELEPHONE: (609) 570-3253
FAX: (609) 570-3822

CONTACT PERSON: STEPHEN GREGOROWICZ
gregoros@mccc.edu
MADELINE EHELEBE
ehelbem@mccc.edu

6. TOWNSHIP OF HOPEWELL

201 WASHINGTON CROSSING - PENNINGTON RD.
TITUSVILLE, NEW JERSEY 08560
TELEPHONE: (609) 537-0244
FAX: (609) 737-2770

CONTACT PERSON: NANCY CANTO
ncanto@hopewelltp.org

MERCER COUNTY COOPERATIVE MEMBERS

7. BOROUGH OF HOPEWELL
4 COLUMBIA AVENUE – P.O. BOX 128
HOPEWELL, NEW JERSEY 08525
TELEPHONE: (609) 466-2636
FAX: (609) 466-8511
CONTACT PERSON: MICHELE HOVAN
michele.hovan@hopewellboro-nj.us

8. TOWNSHIP OF ROBBINSVILLE
56 ROBBINSVILLE-AlLENTOWN ROAD
ROBBINSVILLE, NEW JERSEY 08691
TELEPHONE: (609) 259-0422
FAX: (609) 259-0322
CONTACT PERSON: DINO J. COLAROCCO
dinoc@washington-twp.org

9. TOWNSHIP OF EWING
2 JAKE GARZIO DRIVE
EWING, NEW JERSEY 08628
TELEPHONE: (609) 883-2900 Ext. #7642
FAX: (609) 883-7392
CONTACT PERSON: ALEX DEANGELIS
adeangelis@ewingnj.org

10. WEST WINDSOR TOWNSHIP
271 CLARKSVILLE ROAD
WEST WINDSOR, NEW JERSEY 08550
TELEPHONE: (609) 799-2400 Ext. #218
FAX: (609) 799-1610
CONTACT PERSON: JANIS DINATALE
jdinatale@westwindsortwp.com

11. SPECIAL SERVICES
1020 OLD TRENTON ROAD
HAMILTON, NJ 08690
TELEPHONE: (609) 631-2123 OR
(609) 586-5144 EXT. #1210
FAX: (609) 586-8966
CONTACT PERSON: NANCY SWIRSKY
SEAN CAVALIER
nswirsky@mcts.edu
scavalier@mcts.edu

MERCER COUNTY COOPERATIVE MEMBERS

12. VOCATIONAL TECHNICAL SCHOOLS

1085 OLD TRENTON ROAD

HAMILTON, NJ 08690

TELEPHONE: (609) 586-2123

FAX: (609) 586-8966

CONTACT PERSON: NANCY SWIRSKY

nswirsky@mcts.edu

13. THE BOROUGH OF PENNINGTON

30 NORTH MAIN STREET

PENNINGTON, NEW JERSEY 08534

TELEPHONE: (609) 737-0276

FAX: (609) 737-9780

CONTACT PERSON: ELIZABETH STERLING

bsterling@penningtonboro.org

14. WEST WINDSOR-PLAINSBORO REGIONAL SCHOOL DISTRICT

505 VILLAGE ROAD WEST

PRINCETON JUNCTION, NJ 08550

TELEPHONE: (609) 716-5000

FAX: (609)-716-5012

CONTACT PERSON: TONI DUBANIEWICZ

LAWRENCE LOCASTRO

Toni.Dubaniewicz@ww-p.org

Lawrence.LoCastro@ww-p.org

15. TOWNSHIP OF EAST WINDSOR

16 LANNING BOULEVARD

EAST WINDSOR, NJ 08520

TELEPHONE: (609) 443-4000

FAX: (609) 443-6865

CONTACT PERSON: BILL ASKENSTEDT

public_works@east-windsor.nj.us

16. BOROUGH OF HIGHTSTOWN

148 NORTH MAIN STREET

HIGHTSTOWN, NJ 08520

TELEPHONE: (609) 490-5100 EXT. #772

FAX: (609) 371-0267

CONTACT PERSON: DEBRA SOPRONYI

clerk@hightstownborough.com

MERCER COUNTY COOPERATIVE MEMBERS

17. EAST WINDSOR REGIONAL SCHOOL DISTRICT

25A LESHIN LANE

HIGHTSTOWN, NJ 08520

TELEPHONE: (609) 443-8195

FAX: (609) 443-8195

CONTACT PERSON: KURT STUMBAUGH

kstumbaugh@ewrsd.k12.nj.us

18. LAWRENCE TOWNSHIP BOARD OF EDUCATION

2565 PRINCETON PIKE

LAWRENCE, NJ 08648

TELEPHONE: (609) 671-5420

FAX: (609) 883-4225

CONTACT PERSON: THOMAS ELDRIDGE

CYNTHIA KORKUCH

teldridge@ltps.org

ckorkuch@ltps.org

19. PRINCETON PUBLIC SCHOOLS

25 VALLEY ROAD

PRINCETON, NJ 08540

TELEPHONE: (609) 806-4210

FAX: (609) 806-4225

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20. ROBBINSVILLE BOARD OF EDUCATION

155 ROBBINSVILLE-EDINBURG ROAD

ROBBINSVILLE, NJ 08691

TELEPHONE: (609) 632-0910

FAX: (609) 371-7964

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21. HOPEWELL REGIONAL SCHOOL DISTRICT

425 SOUTH MAIN STREET

PENNINGTON, NJ 08534

TELEPHONE: (609) 737-4000 Ext. #2705

FAX: (609) 737-7415

CONTACT PERSON: BOB COLAVITA

PAT JACZKO

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MERCER COUNTY COOPERATIVE MEMBERS

22. TRENTON BOARD OF EDUCATION

108 NORTH CLINTON AVENUE

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TELEPHONE: (609) 656-5446

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23. EWING TOWNSHIP BOARD OF EDUCATION

1331 LOWER FERRY ROAD

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DENNIS NETTLETON

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24. TOWNSHIP OF HAMILTON

2090 GREENWOOD AVENUE - P.O. BOX 0150

HAMILTON, NJ 08650

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FAX: (609) 890-3632

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25. HAMILTON TOWNSHIP SCHOOL DISTRICT

90 PARK AVENUE

HAMILTON, NJ 08690

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26. MERCER COUNTY IMPROVEMENT AUTHORITY

80 HAMILTON AVENUE- 2ND FLOOR

TRENTON, NJ 08611

TELEPHONE: (609) 278-8080

FAX: (609) 695-1452

CONTACT PERSON: Carol Navarro

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MERCER COUNTY COOPERATIVE MEMBERS

27. TRENTON HOUSING AUTHORITY

875 NEW WILLOW ST

TRENTON, NJ 08638

TELEPHONE: (609) 278-5024

CONTACT PERSON: KEN MARTIN

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28. HAMILTON TOWNSHIP FIRE DISTRICT NO. 3

13 RENNIE STREET

HAMILTON, NJ 08610

TELEPHONE: (609) 392-1710

FAX: (609) 392-2698

CONTACT PERSON: THOMAS T. GRIBBIN, FIRE CHIEF

29. HOPEWELL TOWNSHIP FIRE DISTRICT NO. 1

201 WASHINGTON CROSSING-PENNINGTON ROAD

TITUSVILLE, NJ 08560

TELEPHONE: (609) 730-8156

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CONTACT PERSON: SARAH OCICKI OR CHIEF MATTHEW MARTIN

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30. THE COLLEGE OF NEW JERSEY

2000 PENNINGTON ROAD

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